

# *Medical Economics*



# PICTURE OF A PHYSICIAN *with a little time to himself!*

You're right! Something should be done these days to give physicians more time for themselves . . . and S-M-A\* infant feeding formula is helping to do it!

Take the case of the physician whose patients kept calling up to discuss "Formula Troubles." He decided to save time by prescribing S-M-A for normal infants deprived of breast milk. Don't take our word for it—in a recent survey among 3935 physicians who fed S-M-A, 76% of those reporting said S-M-A saved time; 89% of those reporting said S-M-A was easier for mothers to prepare; 85% of those reporting said with S-M-A they observed freedom from digestive upsets.



\*S-M-A, a trade mark of S. M. A. Corporation, for its brand of food especially prepared for infant feeding—derived from tuberculin-tested cow's milk, the fat of which is replaced by animal and vegetable fats, including biologically tested cod liver oil; with the addition of milk sugar and potassium chloride; altogether forming an antiscorbutic food. When diluted according to directions, it is essentially similar to human milk in percentage of protein, fat, carbohydrate and ash, in chemical constants of the fat and physical properties.

S. M. A. CORPORATION • 8100 McCORMICK BOULEVARD • CHICAGO, ILLINOIS





In keeping with the recent promotion of C.L.O. or Vitamin A & D Ointments with or without sulfathiazole, we have developed the following for your approval. The A.M.A. Journal and many other professional periodicals have published clinical reports and case histories, with outstanding results in the use of the following combinations.

## Bor-AD-zin Ointment

Each ounce represents:

Vitamin A 22,500 U.S.P. Units. Vitamin D 3,195 U.S.P. Units  
Combined with Zinc Oxide and Boric Acid in a special base.

This Ointment contains 20 per cent more Vitamins A and D than U.S.P. Cod Liver Oil.

Indicated in burns, varicose ulcers and similar conditions where an ointment of high granulating ability is necessary. This ointment contains more of the vitamins A & D by approximately 20% than any other C.L.O. Ointment on the market at this time.

## OINTMENT SULFAZAD

Each ounce represents:

Sulfathiazole	5 per cent
Vitamin A	4500 U.S.P. Units
Vitamin D	640 U.S.P. Units

To be used only by or on the prescription of a physician.

**WARNING!** If severe toxic reactions occur, remove the Ointment and wash thoroughly to remove all Sulfathiazole.

Indicated in pyogenic infections of the skin, namely, impetigo. It may also be used in eczematous conditions both acute and chronic, also in infected burns or skin lesions, acne, etc.

THE WENDT-BRISTOL COMPANY

51 E. State Street

721 N. High Street

Columbus, Ohio

---

# GAL-MUTH

Each fluidounce represents:

Bismuth Subgallate ..... 40 grs.

Iodine, in organic combination .. ..... 1-10 gr.

With Kaolin, Thymol and Methyl Salicylate

DOSE: Two or three teaspoonfuls every 2 or 3 hours as may be needed.

A preparation highly recommended and indorsed by the profession for use in the treatment of dysentery, colitis and kindred conditions, coating and acting as a mild antiseptic to inflamed intestinal mucosa.

---

## EXMIN POISON

Each fluidounce represents:

Diluted Hydrocyanic Acid..... 30 min.

Corrosive Mercuric Chloride ..... 9-32 gr.

With Menthol, Thymol and Methyl Salicylate

Isopropyl Alcohol 23¼ %

FOR EXTERNAL USE ONLY

**Directions:** Apply the lotion full strength or diluted (according to the severity of the case) to the affected parts, and allow to dry spontaneously.

Indicated in Eczema, allergic skin conditions and can be said to be almost a specific in treatment of poison ivy or poison oak.

THE WENDT-BRISTOL COMPANY

51 E. State Street

Columbus, Ohio

721 N. High Street

---



***Gebauer's* TANNIC SPRAY**

## FOR FIRST AID IN BURNS



Here is a stable solution of Tannic Acid and Chlorbutanol that remains fresh indefinitely, is always ready for instant use. Only one hand is required to apply it, since there are no caps or corks to remove. Pressure of thumb on lever of spray cap releases solution in a fine jet stream which may be directed at will to any area. Makes applications more thorough, facilitates tanning, coagulation of protein, and fixation of toxic substances. Evaporation is rapid, leaving a fine residue of evenly applied tannic acid. Makes frequent application possible, and permits of building a lighter and more pliable eschar.

Because of the speed with which it may be applied and its instant availability, GEBAUER'S TANNIC SPRAY is of special effectiveness in the treatment of first and second degree burns, and as first aid in more serious cases. In the treatment of sunburn Tannic Spray provides immediate relief, while promoting tanning. It quickly relieves pain and at the same time guards against the chance of infection, is easily applied without bandages. Also indicated in the treatment of certain types of dermatitis, allergic eruptions, impetigo, poison ivy, and in granulating areas where epithelization is slow.



**THE WENDT-BRISTOL COMPANY**

51 E. State Street

AD-6108

**721 N. High Street**

ME-3153

## Columbus, Ohio



*An extremely efficient  
apparatus for general  
office use*

A NEW feature of the Ralk's Ideal Treatment Apparatus is the spring suspended motor unit, which assures smooth, quiet, vibrationless operation. The motor unit is also equipped with a carrying handle, thus enabling the physician to use this apparatus as a combination portable, office or clinic treatment unit. The motor unit can be taken out of the cabinet and carried to the patient's home with bottles and the necessary accessories.

The cabinet is finished in mahogany, walnut or white enamel with black glass top. All trim is chromium plated. It is furnished with accessories as illustrated and makes a handsome addition to any office.



## RALKS' IDEAL

*Suction and Pressure  
Treatment Unit*

Complete with Ether bottle	- \$170.00
Without Ether bottle	- 155.00

*Ask for descriptive folder giving full details.*

**THE WENDT-BRISTOL COMPANY**

51 E. State Street

721 N. High Street

Columbus, Ohio

# Medical Economics

THE BUSINESS MAGAZINE OF



THE MEDICAL PROFESSION

JULY 1942

Military Service and the Physician.....	W. A. Richardson	
The Medical Recruiting Fracas.....		30
States Supply Quotas of M.D.'s.....		35
Promotion in the Medical Corps.....		37
Duties of a Medical Officer.....		40
Military Questions and Answers.....		43
Delegates Score Rebating Evil.....	James S. McNabb	45
Convention resolutions summarized		
A.M.A. Holds First G.P. Sessions.....	F. H. Rowsome Jr.	47
A permanent section seen as the next step		
R.I. Tries Disability Insurance.....	John E. Farrell	50
Cash benefits for sick workers		
Investing in the Drug Industry.....	Raymond L. Hoadley	53
The war's effect on drug securities		
Public Health vs. Private Practice.....	C. H. Wilson, M.D.	54
Is public health expansion a threat?		
Your Legal Questions Answered.....	James R. Rosen, M.D.	60
Army debtors, the "M.D." title, libel in collecting		
Single-Premium Life Insurance.....	Bion H. Francis	63
It can help secure the bank loan to buy it		
Speaking Frankly.....	6	Waiting Room Poster..... 49
Sidelights.....	23	The Newsvane.....101
Higher House-Call Fees....	29	Index of Advertisers.....124

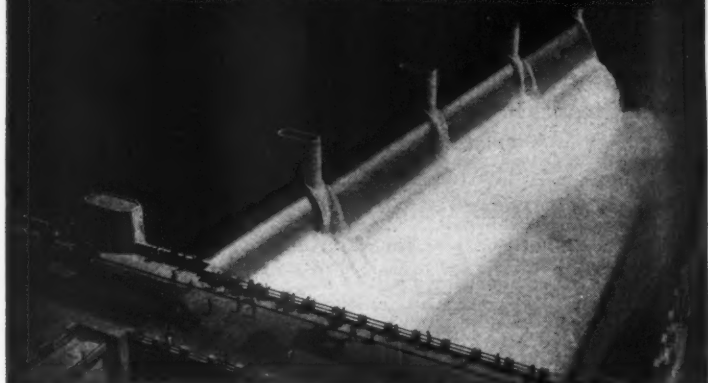
CIRCULATION: 137,000

H. Sheridan Baketel, A.M., M.D., Editor. William Alan Richardson,  
Managing Editor. F. H. Rowsome Jr., Associate Editor.

Lansing Chapman, Publisher. Russell H. Babb, Advertising Manager.

Copyright 1942, Medical Economics, Inc., Rutherford, N. J. 25¢ a copy, \$2 a year.

There's Plenty of Power in *LIQUID BULK*



...for moving industrial wheels  
or **INTESTINAL WASTE**



Sal Hepatica plus water, taken as suggested, creates temporarily unabsorbable liquid bulk in the costive bowel . . . for gentle stimulation of peristalsis, smooth flushing and lubrication, and improvement of water balance. It's a modern method for prompt and thorough removal of alimentary waste. The promotion of bile flow by Sal Hepatica, and its aid in relief from simple gastric distress, also deserve consideration.

If you've ever taken Sal Hepatica yourself, you know how pleasant and refreshing it is. A request will bring you literature.

**SAL HEPATICA** *supplies Liquid Bulk  
to Flush the Intestinal Tract*

**BRISTOL-MYERS CO.** • 19-II West 50th St., New York, N. Y.

# The hub that always fits



**T**HE hubs of B-D Needles always fit B-D Syringes because they are measured and tested on companion gauges.

The only needle that is very important to you is the one you are about to use. You will want that needle — whatever it may be — to fit and hold on the tip of the syringe you will employ.

When you use B-D Syringes and B-D Needles, you have the satis-

faction of knowing that were we to make only one syringe and one needle a day, they could not fit more exactly than the B-D Syringe and Needle that you elect to use.

Assurance of uniformity is only a phrase until you have to use a syringe and needle under important circumstances. Then it becomes a manufacturing quality of extreme importance.

**B-D PRODUCTS**  
*Made for the Profession*

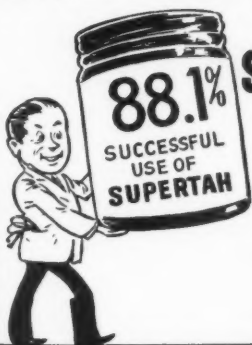
## B-D Needles

**B-D YALE**  
OF HYPER-CHROME STEEL  
COMPLETELY RUSTLESS

**B-D ERUSTO**  
OF FIRTH-BREARLEY STAINLESS STEEL  
HIGHLY RUST-RESISTANT

**BECTON, DICKINSON & Co., RUTHERFORD, N. J.**

**88.1% "GOOD RESULTS" Reported by  
Doctors Using  
SUPERTAH OINTMENT  
in Eczema Therapy**



**7.6% NOT  
GOOD RESULTS**

**4.3% DID  
NOT REPORT**



In a recent survey of 9,672 physicians chosen proportionate to population throughout the country, 70.7% of those responding reported using SUPERTAH Ointment (Nason's) in eczema therapy.

It is significant that 88.1% of that number reported securing "good results" from their use of SUPERTAH! — the new white, non-staining ointment prepared from a crude coal tar concentrate and uniformly milled in 5% and 10% strengths. 4.3% did not respond either way, 7.6% reported not having secured good results.

*These reports of physicians vigorously confirm the clinical findings of the dermatologist, J. H. Swartz, M.D., and his co-worker, M. G. Reilly, R.N., who say of SUPERTAH Ointment: "It has proven as valuable as the black coal tar preparation and the advantage of the diminution of the black color is perfectly obvious. It does not stain the skin or clothing, nor does it burn or irritate the skin."\**

SUPERTAH Ointment (Nason's) is packaged in original 2 oz. jars, either 5% or 10% strengths, and ethically distributed through leading prescription druggists.

\*Swartz & Reilly, "Diagnosis and Treatment of Skin Diseases", p. 66

**TAILBY-NASON COMPANY • Kendall Square Station • Boston, Mass.**



**Lethal to Infectious Air-Borne Bacteria and Viruses**



## **AMERICANAIRE**

### **Ultraviolet Germicidal Units**

offer unprecedented efficiency in the radiant disinfection of air. Over 85% of the ultraviolet energy output of this unit is within the recognized germicidal range of the spectral band.

This intensity of bacteria-destroying radiation provides a timely protection for your patients which they will be quick to appreciate. For the physician, it provides a protective measure of vital import.

**INVESTIGATE AN AMERICANAIRE** installation today. Your hospital board, too, will welcome this practical means of reducing the incidence of cross-infection in the nursery, out-patient department, surgery, wards.

• Ask your dealer or write us direct for descriptive literature



**AMERICAN STERILIZER COMPANY**  
ERIE, PENNSYLVANIA

# Speaking Frankly

---

## *Procured*

Many thanks for your excellent series on the military problems facing physicians. I am one who is soon to be "procured"; and MEDICAL ECONOMICS is the only place where I have found my questions answered fully.

D. R. Skidmore, M.D.  
Salt Lake City, Utah

## *War Articles*

Your articles on medical corps pay, allowances, uniforms, etc., are just what I wanted to see. Now let's have stories on the navy, the public health service, and the civil service.

Park Huffman, M.D.  
South Whitley, Ind.

*Some twelve articles on different aspects of the physician's war status and problems have appeared in the four most recent issues of MEDICAL ECONOMICS. Scheduled for early publication are a full complement of articles on topics not already covered.*

## *Cars in the Army*

I have always read your magazine from cover to cover. It con-

tains a great wealth of information of true practical value. Recently, I have been following with great interest the articles on winding up one's affairs before entering the services. I have found these articles illuminating because I am on the point of being inducted myself.

There is one question which I should like to have answered: What should a doctor do with his car? Is a medical officer likely to have need for his car, or would he do better to leave it at home?

S. D. Firestone, M.D.  
North Tonawanda, N.Y.

*No hard-and-fast answer can be made to Dr. Firestone's questions. Before tires and gasoline were rationed, many medical officers on active duty found their cars useful. Since then, possession of a car has become sometimes a convenience and sometimes a liability, depending on the station to which an officer is assigned.*

*Army personnel have no special rationing privileges. At some posts medical officers can still use their cars profitably on the mini-*



For Extra Strength and Support...

## STRAPTIC ADHESIVE



Have you tried "Straptic" for those cases requiring *extra* strength and support? A tough, herringbone weave backcloth spread with "ZO" adhesive provides the high tensile strength so necessary in traction; strapping the back, chest, pelvis, shoulders, knees and ankles. Easier to handle and costs much less than Johnson & Johnson Moleskin which it is designed to replace. 12" x 5 yd. rolls, uncut, or cut to handy 1", 1½", 2", 3" or 4" widths. Sample on request.

ORDER FROM YOUR DEALER

**Johnson & Johnson**  
NEW BRUNSWICK, N. J. CHICAGO, ILL.



## You Can Always Rely on **VIM SYRINGES**

- for smooth, velvety operation
- for their ability to withstand pressure without leakage or backfire
- for their longer-life service due to absence of structural strains in the glass
- for their high thermal resistance to the heat of sterilization
- for exact dosage, due to their precise calibration
- for permanency of the scale, because of a special baked-in pigment
- for high, maintained standards of quality

Your surgical dealer has all standard sizes of VIM Syringes. Order them by name: VIM.



*...mum rationing allotment; at others, too far from town to permit much travel, cars have become almost valueless.*

*A few officers have received B-3 gasoline cards (57 gallons in a six-weeks' period). But at the Medical Field Service School, Carlisle Barracks, Pa., the only X card (permitting unlimited purchase) on the post is held by the commanding general, who uses his car for official purposes only.*

### **Staff Positions**

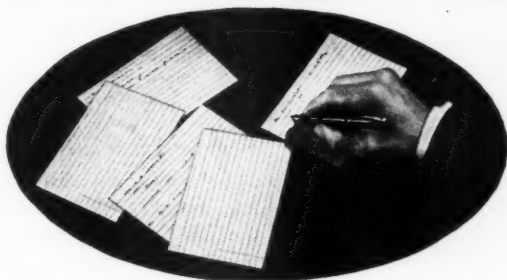
I firmly believe that from now on every staff appointment to a hospital should be made on a temporary basis only. The reason for this is to insure that eligible physicians who are now in the armed forces will not be denied their right to regain staff positions upon their return. Such a plan is the least we can offer them.

M.D., Illinois

### **"Hook the Doctor"**

I couldn't help smiling as I read the letter titled "Caduceus Upkeep." I made the same discovery several years ago. I found that \$1.50 tourist cottages were \$2 and \$2.50 when the proprietor saw the caduceus on my car. Hotel rooms magically went from \$3.50 to \$5; 35 cent luncheons became 50 cents. I got so fed up on the cost of a caduceus that I took the emblem off my car, and I never sign a hotel register "M.D." any more.

The public seems to have a



## When you record the effectiveness of *NICOTINE CONTROL* —less nicotine in the smoke

IN recent months we have received a number of reports from physicians who recommend Camels to their patients. Perhaps you, too, advise Camels

in cases where nicotine reduction is desirable. If so, we will be pleased to add your experiences to our files. May we hear from you from time to time?

### Scientific facts indicate that:

1. Slow burning produces less nicotine in the smoke of cigarettes.\*
2. Increases of as little as 25% in nicotine intake produce profound physiological changes.\*\*
3. The smoke of slow-burning Camels contained less nicotine than that of the 4 other largest-selling brands tested—less than any of them—according to

independent scientific tests of the smoke itself! In the same tests, Camel burned slower than any of the 4 other largest-selling brands tested.\*\*\*

\*J. A. M. A., 93:1110—October 12, 1929

Brückner, H.—*Die Biochemie des Tabaks*, 1936

\*\**The Military Surgeon*, Vol. 39, No. 1, p. 5, July, 1941

\*\*\**ibid.* p. 5

● SEND FOR REPRINT of an important contribution to medical literature—"The Cigarette, The Soldier, and The Physician," *The Military Surgeon*, July, 1941—revealing many new angles about smoking. Write Camel Cigarettes, Medical Relations Division, 1 Pershing Square, New York City.

*Camel*—The Cigarette of Costlier Tobaccos



## **For an Even DISPERSION KONDREMUL**

An emulsion of mineral oil held in unusually stable dispersion by *Chondrus crispus* (Irish Moss).

Mixes thoroughly with the bowel contents to form a homogeneous, soft mass, easily evacuated. Leakage minimized.

### **THREE DOSAGE FORMS:**

**KONDREMUL Plain**—for regulative treatment.

**KONDREMUL with non-bitter Extract of Cascara**—for prolonged, gentle laxation.

**KONDREMUL with Phenolphthalein** (2.2 grains Phenolphthalein per tablespoonful)—for resistant cases.

**THE E. L. PATCH CO.**  
**BOSTON** **MASS.**

widespread desire to hook the doctor. Perhaps other colleagues will read and learn.

George L. Ross, M.D.  
Racine, Wis.

### **Federal Licensure**

I wholly agree with the "Speaking Frankly" letter suggesting that any licensed doctor should be allowed to practice anywhere in the United States. A federal law should be enacted. It would not only help eliminate shortages of doctors, but it would also aid in distributing them satisfactorily. If a nominal registration fee, say \$5 or \$10, is charged, it will also help the Government raise a little money.

All that is necessary is a simple federal law, perhaps along these lines:

"Any graduate in medicine who has had one or more years of internship in any city, county, or private hospital, and who holds a license from any State medical board, shall upon application be permitted to practice anywhere in the United States."

M.D., Missouri

### **Bite Insurance**

Your article, "Saving Time on House Calls," covered a lot of ground but it didn't touch on one trick I have often found useful.

I make frequent calls in homes where dogs are kept, but no vicious male dog has ever gone beyond growling and then sniffing at me. The reason is simple: A male dog rarely if ever attacks

## Gratifying Relief from Pain and Pruritus in

HEMORRHOIDS

PRURITUS ANI

DIGITAL EXAMINATION

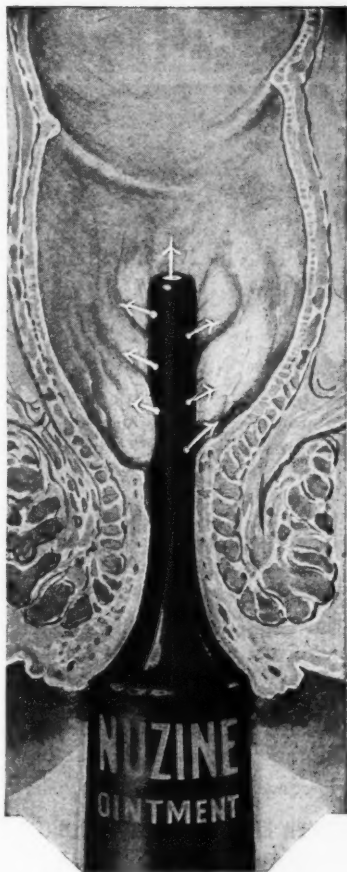
POSTOPERATIVE RECTAL  
PAIN

ANAL FISSURE

## NUZINE Ointment

The soothing and emollient ointment base of Nuzine protects the irritated skin and mucous membrane of the anorectal region, and slowly releases analgesic, anti-pruritic, decongestive medication.

Nuzine is convenient to apply and economical to use. Its action is prompt and prolonged.



Nuzine Ointment is supplied in 1-oz. tubes with special applicator.

*Write for literature and sample.*

**NUMOTIZINE, INC.**  
900 NORTH FRANKLIN STREET CHICAGO, U. S. A.

# ARTHRITIS..

## AN ALL YEAR 'ROUND OFFENDER

● And for relief of pain in the rheumatic diathesis as well as in summer colds, sinusitis and other affections, remember the clinical advantages of

### Salici-Vess

(Buffered Salicylate-Alkali with Sodium Iodide)

The combined effects of alkali buffer action and effervescence are your assurance of maximum gastric tolerance, speeded emptying time of stomach, rapid absorption and improved palatability.

*In convenient tubes of 30 tablets*

#### OTHER EFFERVESCENT PRODUCTS

##### *for Your Prescription*

- **ACETYL-VESS**  
Buffered Salt of Aspirin
- **ALKA-VESS**  
Balanced Alkali Buffers
- **BROMO-VESS**  
Effervescent Bromides

**EFFERVESCENT PRODUCTS, INC.**  
**ELKHART, INDIANA**

either a female dog or a person who carries the odor of a female. For the physician who doesn't care to own a dog, only a moment spent touching a bitch is sufficient to supply protection for the entire day.

M.D., Ohio

*If no bitch is handy, a physician has three alternatives: (1) he may stoically permit himself to be bitten; (2) he may arrange to have a neighbor's bitch brought around to his home every morning to be touched; or (3) he may bite the vicious dog first.*

#### *Reception Room Reading*

Until recently, I kept the magazine Hygeia on my reception room table. But I found that it caused too many arguments with my patients. I'd recommend a certain treatment, and then they'd call my attention to an article in Hygeia which said something different. One of my patients had a cold sore on her lip. From an article she'd read in Hygeia, she was sure she had syphilis. I had quite a time convincing her.

M.D., New Jersey

#### *Reprints Welcomed*

Several recent letters have been rather scornful of the physician who sends out unsolicited reprints. But there is one aspect to the question that I feel makes this practice valuable.

Most doctors subscribe to only two or three medical publications. The limitations of time and

# A Decade of Progress in Hemorrhoidal Therapy

STOPS HEMORRHOIDAL PAINS WITHIN 5 MINUTES



The medical profession during the past ten years has prescribed RECTAL MEDICONE with ever-increasing confidence and approval. Clinical experience in many hundred thousand cases proves that RECTAL MEDICONE stops hemorrhoidal pain within 5 minutes.

Its action is not limited to palliation alone. The prolonged anal anesthesia induced by the suppository breaks the vicious circle of intense pain and inflammatory reaction, so that—under regulation of the patient's mode of life—bleeding ceases and engorged veins retrogress. A state of quiescence which favors healing frequently ensues.

The wide and constantly growing employment of RECTAL MEDICONE attests most eloquently to the foremost place which it has attained in its field.

**MEDICONE COMPANY**

225 VARICK STREET, NEW YORK

**RECTAL-MEDICONE**

money preclude, for most of us, a very large investment in periodicals. I am aware that there are a great number of articles published which are foreign to my specialty but which would interest me greatly—if they were only called promptly to my attention. This need is by no means met by the over-concise abstracts often published months later.

Speaking for myself, I am almost always grateful when men who publish articles go to the expense of sharing the results of their studies with me. I am sure that in the aggregate I am a great deal more helped than they are. If by any chance the quality of their work inclines me to refer patients to them or to call them into consultation, more power to these physicians. Their prestige has been well earned.

M.D., New Jersey

### *Pro-Socialized*

I wonder if the conscience of every physician would remain clear if he were to analyze his reasons for opposing socialized medicine. Actually, it would bring

medical care to those under-privileged persons who need it most but can afford it least. . .

Under the present system, a doctor can exist only when his fellow suffers. He loses his humanitarian guise when he realizes that he has to make a livelihood out of human disaster. Healing the sick should be taken out of the hands of money-making doctors. All profit should be taken out of medicine.

If we are really humanitarian, let's see to it that everyone gets genuine attention, that we do not have to perform unnecessary operations in order to meet our overhead, that we do not have to fight one another for patients, and that we do not have to search for reasons to deprive our colleagues of the right to practice. . .

Carl Dwankowski, M.D.  
Clarinda, Iowa

### **Pictures in this Issue**

Cover, William T. Hoff from Atlas page 30, Press Association; 33 to 48, Gisler for MEDICAL ECONOMICS; 55, Globe; 57, Acme; 58, U.S. Public Health Service.

# FRAISSE

## FERRUGINOUS COMP. AMPOULES

Exact Fraisse formula, now made here  
AMPLE SUPPLIES AVAILABLE

Iron cacodylate . . . . . 0.01 (1/4 gr.)  
Sodium glycerophosphate 0.10 (1 1/2 gr.)  
Strychnine cacodylate 0.0005 (1/120 gr.)  
Cacodylic acid . . . . . 0.003 (1/20 gr.)

Before accepting as a fact  
that ANY of the products  
we distribute are unavailable,  
please write us.



E. FOUGERA & CO., INC., NEW YORK, N. Y.



## The Newer Concepts of Meat in Nutrition

# Meat . . .

## and the Pre-surgical Management of Gallbladder Disease

WHEN surgical intervention is indicated but not immediately required, many measures may be taken to improve the general condition of the patient, thus making him a better surgical risk. Such preparation reduces morbidity and mortality, and adds measurably to the patient's comfort during the immediate post-surgical period, and shortens the period of convalescence.

For many years, dextrose was administered prior to gallbladder surgery for the purpose of enabling the liver to withstand better the hepatotoxic effect of anesthesia and the unavoidable trauma of manipulation. While dextrose is of acknowledged value in this respect, Ravdin has recently asserted that its beneficial influence can be enhanced twofold by augmenting the intake of protein.

Ravdin<sup>1</sup> believes that a high lipid content in the liver increases the susceptibility to hepatic damage. The use of a high carbohydrate, high protein diet decreases the amount of lipids<sup>2</sup> and increases the glycogen

stores. The ready availability of the products of protein digestion enables the liver to undergo more rapid repair following surgery. Such preparation "will result in minimal injury and provide for rapid repair of existing injury when the liver is exposed to a variety of hepatotoxic agents."<sup>1</sup> Ravdin advocates oral feeding whenever possible to increase the protein and carbohydrate intake.

As a means of maintaining a high protein intake prior to biliary tract surgery, lean muscle meats are advantageous. Their rich store of complete proteins provide the amino acids required in the synthesis of the body's own proteins. Furthermore, many cuts of meat can be attractively prepared virtually devoid of fat, hence need not contribute significantly to the fat intake.

1. Ravdin, I. S.: Some Aspects of Nutrition in Surgical Patients; California & West. Med., 53:68 (Aug.) 1940.

2. Channon, H. J., and Wilkinson, H.: Protein and dietary production of fatty livers. Biochem. J., 29:350-356, 1935.



The Seal of Acceptance denotes that the statements made in this advertisement are acceptable to the Council on Foods and Nutrition of the American Medical Association.

### American Meat Institute CHICAGO

# SAFETY

# MAKE



## *Electrical Activation of Vaporized Ergosterol*

Numerous reports of deleterious effects resulting from high dosages of ultraviolet-irradiated ergosterol have appeared in the literature.

For a long time investigators have been of the opinion that such high dosages of ordinary vitamin D products are unwise because of possible renal and other damage.

In sharp contrast to this, ETRON, which is prepared by the special Whittier Process of electrical activation of vaporized ergosterol in which no ultraviolet rays are used, has been subjected to very carefully controlled clinical investigations in thousands of patients for eight years without a single report of serious toxicity.

## *Effectiveness plus Safety*

The safety and anti-arthritis effectiveness of ETRON as contrasted to the reported toxicity of various preparations of ultraviolet-irradiated ergosterol have been clearly demonstrated in many reports from university clinics, large hospitals and private practice.

*Every report of a large series of cases treated adequately with Etron has stressed both its effectiveness and its absence of serious toxicity.*

It is of great importance, therefore, that physicians prescribing ETRON for arthritic patients exercise great care so that another so-called similar product is not used instead of ETRON, without the physician's knowledge.

## NUTRITION RESEARCH

4210 Peterson

# KEERTRONIZATION POSSIBLE

## SAFETY OF ERTRON\* REPORTED IN THE LITERATURE

sterilizable vitamin D toxicity has been reported. There was no toxicity at any time among the 99 patients included in this report.

Steck, I. E.  
Ohio St. Med. J., May, 1942

6. No untoward symptoms appeared throughout these tests, and no patient complained of any discomfort except a "slight

Krafka, J.  
Jl. Med. Ass'n. Ga., 30:398-400, September, 1941.

countered by other investigators when these other forms of vitamin D were used. These symptoms of toxicity have never occurred in any of our patients who received Ertron.

Farley, R. T., Spierling, H. F. and Kraines, S. H.  
Indus. Med., August, 1947

improvement especially was marked and sustained, and no serious side effects were encountered.

Snyder, R. G. and Squires, W. H.  
Med. Med., p. 40, June, 1940

apparently less toxic than other forms used. The problem would require considerable more

Reed, C. I., Struck, H. C. and Steck, I. E.  
University of Chicago Press, 1939.

peting heart lesions, such as rheumatism and fibrillation, were included without untoward effects and

Livingston, S. K.  
Arch. Phys. Therapy, 17:704-706, November, 1936.

Additional bibliography upon request.

\*Reg. U. S. Pat. Off.

### ERTRONIZE YOUR ARTHRITIS PATIENTS

Use only ERTRON—the only high potency, activated, vaporized ergosterol (Whittier Process).

Bottles of 100 now only \$8.00 (On Prescription)

Bottles of 50 now only \$4.50 (On Prescription)

Erton is made only in the distinctive two-color gelatin capsule.

Products of Nutrition Research Laboratories are promoted only through the medical profession



## ERTRON LABORATORIES

Chicago, Illinois

THERE'S A QUICK WAY TO

*Stop Diarrhea* TOO!

WITH *Wyeth's*

**KAOMAGMA\***

AT THE ONSET . . . Administer two tablespoonfuls of  
Kaomagma Plain, in a little water—

AND . . . follow this with one tablespoonful  
of Kaomagma Plain, after every bowel  
movement—

THEN . . . when stools become consolidated  
one tablespoonful of Kaomagma with  
Mineral Oil three times daily may be  
indicated.

**KAOMAGMA** Wyeth's Kaolin in Alumina Gel—is an activated form of  
kaolin. Kaomagma, because of its fluidity and its content of kaolin and colloidal  
aluminum hydroxide:

- Coats and protects the irritated mucosa, acting as a mild astringent.
- Precipitates and coagulates bacterial suspensions.
- Adsorbs and renders innocuous toxic and irritant substances.

Kaomagma Plain, and Kaomagma with Mineral Oil, are supplied in 12-oz. bottles.

\*Reg. U. S. Pat. Off.

JOHN WYETH  
& BROTHER, INC.  
PHILADELPHIA

# In mild depressions

With patients suffering from mild depressions, there is ample evidence in the literature that Benzedrine Sulfate therapy will often produce some or all of the following effects:

- (A) *Increased mental activity, interest and accessibility.*
- (B) *Increased self-assurance, optimism and sense of well-being.*
- (C) *Psychomotor stimulation; increased capacity for physical and mental effort.*



## Benzedrine Sulfate Tablets

Brand of amphetamine sulfate



Benzedrine Sulfate is primarily useful in depressions characterized by apathy and psychomotor retardation, but is contraindicated in patients manifesting anxiety, hyperexcitability, or restlessness.

The use of Benzedrine Sulfate by normals should not be permitted; it should always be administered under the careful supervision of a physician; and depressive psychopathic cases should be institutionalized.

In treating depressed patients with Benzedrine Sulfate, the physician should bear in mind that any drug which produces pleasant or euphoric effects may prove to be habit forming—especially in unstable or neurotic individuals.

**Smith, Kline & French Laboratories, Philadelphia, Pa.**

# We asked a lot of doctors:

**"WHAT DO YOU WANT  
IN A NEW  
VITAMIN-MINERAL  
SUPPLEMENT?"**



## FORMULA

The recommended intake of 3 Vimms tablets, as a dietary supplement, is guaranteed to supply:

Vitamin A	5000 U.S.P. Units	} + {	Calcium	375 mgs.
Vitamin B <sub>1</sub>	1000 micrograms		•	
Vitamin B <sub>2</sub>	2000 micrograms		Phosphorus	250 mgs.
Vitamin C	600 U.S.P. Units		•	
Vitamin D	500 U.S.P. Units		Iron	10 mgs.
Vitamin P-P	10,000 micrograms			

If you haven't received your professional sample of Vimms, write to: Lever Brothers Company, Pharmaceutical Division, Cambridge, Mass.



**I'M INTERESTED  
IN A BALANCED  
FORMULA**

Vimms supply all 6 vitamins known to be essential to the diet, and important quantities of Calcium, Phosphorus and Iron. They were designed, not for serious avitaminoses, but to bring the average diet up to or above the high vitamin-mineral recommendations of the Committee on Foods and Nutrition of the National Research Council.



**GOOD POTENCY  
AT A LOW  
PRICE**

Vimms give more potency per penny than any product of comparable type and potency. Their cost is only 50¢ for 24 tablets, \$1.75 for 96 tablets. They are in convenient tablet form—small enough to swallow—and so palatable that many prefer to eat them.



**I WANT TO  
BE SURE IT'S  
DEPENDABLE**

Vimms are regularly assayed, chemically and biologically, by the best-known vitamin assay laboratories. (Names will be furnished on request.) They were developed by nationally known vitamin authorities, top-ranking biochemists and scientists in collaboration with the Lever Brothers Laboratories.



# RHEUMATOID FOOT AND LEG PAINS ARE FREQUENTLY RELATED TO FALLEN ARCH (WEAK FEET AND FLAT FEET)



IN the majority of cases involving the lower extremities, pains of a rheumatoid nature are found to be muscular and ligamentous strain, due to Weak Arch, Fallen Arch or Flat-Foot.

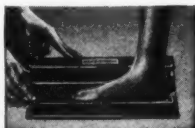
Clinically, arthritis, neuritis, gonorrheal rheumatism and other systemic diseases account for only a small part of cases of rheumatoid origin.

As a rule, these painful symptoms disappear after the patient is fitted with Dr. Scholl's Arch Supports. These appliances equalize the body's weight and remove the muscular and ligamentous strain. Correct fitting may be depended upon by directing patients to visit any Shoe Department, Surgical Supply Store, or Dr. Scholl's Foot Comfort Shop where Dr. Scholl's Arch Supports are featured.

Trained attendants at these depots will gladly Pedomograph the stockinged feet of any patient you refer to them, without cost. Pedomographs graphically reveal any weakened arch condition.

Dr. Scholl's Arch Supports are scientifically designed in a full range of sizes and types to meet every individual requirement. Light, resilient, adjustable. Moderately priced.

Dr. Scholl's Pedomograph graphically reveals the nature and extent of any foot arch weakness.



**DR. SCHOLL'S ARCH SUPPORTS** and exercise relieve tired, aching feet; rheumatoid foot and leg pains. Help restore weak and fallen arches to normal. Worn in any shoe.



## A QUICK REVIEW OF THE ETIOLOGY AND MECHANICAL TREATMENT OF FALLEN ARCH

This informative text book, published for the sole use of the Medical Profession, can be of very real help to the busy practitioner. If you do not have a copy, it will be sent free on receipt of the coupon below.

*Dr. Scholl's Foot Comfort Shops Are Located in the Following Cities:*

Akron, Albany, Boston, Bridgeport, Brooklyn, Buffalo, Canton, Chicago, Cleveland, Columbus, Dayton, Detroit, Duluth, Elgin, Fargo, Fort Wayne, Grand Rapids, Harrisburg, Hartford, Indianapolis, Jamaica, Kansas City, Long Beach, Cal., Los Angeles, Milwaukee, Minneapolis, Muskegon, New Haven, New Rochelle, Newark, New York, Omaha, Peoria, Philadelphia, Phoenix, Rochester, Sacramento, St. Louis, St. Paul, San Bernardino, San Diego, Schenectady, Seattle, Spokane, Springfield, Mass., Toledo, Trenton, White Plains, Wilkes-Barre, Worcester

See Classified Telephone Directory

TRADE MARK REG. U. S. PAT. OFF.


## Dr. Scholl's Foot Comfort ARCH SUPPORTS

THE SCHOLL MFG. CO., Inc. • 213 West Schiller Street, Chicago, Ill.

Gentlemen: Please send me your text book especially written for the Physician.

Name..... M.D. Address..... (42-8)

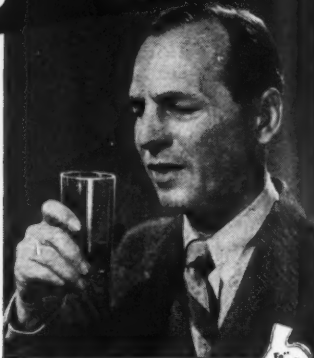
## COLLOIDAL IRON





**Non-Ionizing:  
Non-Irritating**

VS

## IONIZABLE IRON



**Iron Salts May  
Irritate Stomach**


## In RUN-DOWN states

THERE ARE many sound reasons why **OVOFERRIN** is the preferred hematinic and tonic in run-down conditions. But basically, these stem from the fact that it is a unique colloidal iron-protein, and it has many noteworthy therapeutic advantages over the iron salts (sulphates, citrates, etc.). The ionizable salts are split up in the alimentary tract with the release of ions likely to be astringent and irritating. In the intestines the iron ion precipitates may dehydrate and constipate, are less efficiently assimilable.

**OVOFERRIN's** colloidal iron-protein on the other hand does not release irritating ions in the stomach. It arrives in the intestine

as a fully hydrated colloidal oxide, a logical, nutritional form which is readily assimilable and can not constipate.

In the run-down business man, school child or housewife, **OVOFERRIN** produces prompt nutritional improvement, appetite stimulation and a better blood picture. Its palatability, its freedom from odor and from staining properties assure patient co-operation. But these qualities are not the result of sweetening, masking, or coating. They are inherent in **OVOFERRIN's** colloidal form. Dosage—1 tablespoonful in a little milk or water at meals and bedtime.



**PRESCRIBE OVOFERRIN**

**COLLOIDAL IRON-PROTEIN BLOOD-BUILDER**

In Secondary Anemia, Convalescence, Pregnancy,  
"The Pale Child," and Run Down States

**A. C. BARNES COMPANY**

NEW BRUNSWICK, N. J.

"Ovoferrin" is a registered trade mark, the property of A. C. Barnes Co.



## *Sidelights*

Trilled Mrs. William Barclay Parsons Jr. at a ceremony last month in which 1,000 nurses' aides were inducted into New York City's civilian defense army:

"I'd like to have Hitler see you here. I think he'd be pretty frightened."



Failure to get their facts straight has led a number of spokesmen for the profession—including the editors of medical journals circulated in several States—to declare that by a recent ruling of the Selective Service System cultists are deferred from the draft.

This is in error. Cultists have been given no blanket deferment. There is no danger, therefore, that they will move in en masse and usurp the practices of M.D.'s who have gone into service.



The speed with which stock-brokers' stories go the rounds is explained by the simple fact that they are transmitted over the ticker. Not so easy to understand is the rapid spread of stories within the medical profession.

Last month, for example, this

bit of whimsy was quoted by speakers at four different medical meetings:

Mrs. A (in hospital): "They removed a lump from my breast, but now I've got a lump on my head. How in the world do you suppose it happened?"

Visitor: "Confidentially, my dear, I heard that during the operation they ran out of ether."



Whether poison gas will be used against the civilian population of the United States is any one's guess. While many people believe it won't—for fear of reprisals—there are plenty who believe it will.

Included among the latter are such informed physicians as Dr. John G. Downing of Tufts Medical School, who told the recent annual session of the Massachusetts Medical Society that "Warfare gases will be used on the civilian population rather than on the military. They will be more effectual than incendiary bombs because of their unfamiliarity and their capacity for causing terror and panic."

Any medical man who sub-

scribes to this prediction or who believes there is even a reasonable chance of its coming true will do well to keep abreast of developments in the treatment of gas poisoning. Our medical societies and scientific journals have an opportunity to render pioneer service in disseminating information on the subject.



"Following the suggestion of Dr. Blank, the society and council have approved the issuance of a large certificate of membership, suitable for framing, to be distributed to members as they pay their annual dues. It is hoped that members will display these certificates in their waiting rooms."

This report was made at a county medical society meeting we attended last month. During the collation that followed, we asked half a dozen members what they thought of the idea. They all agreed: It wasn't worth a damn: "Patients never see those things." "I wouldn't even hang it up!" "It's a waste of money."

"People don't care what a doctor belongs to as long as he helps them get well." "If the society is going to give its members something, why not give them something that will help them?"

We drove home impressed with the fact that if the viewpoint of the average medical society member were more often ascertained and given consideration, fewer non-essential things and a far greater number of essential things would be done than is now the case.



Readers of the "Practice Management" department of the Journal of the Canadian Dental Association have been given this astonishing advice:

"Coach your assistant to answer the telephone quickly, courteously, and kindly. Never let her say, 'The doctor is busy now.' Instruct her to answer instead, 'I'm sorry, Mrs. Doe. May I call you again? Dr. Blank is where he cannot be disturbed for a few minutes.'"

USE

**FLAVORIS**

**For The Sickroom**

**It is pleasing in flavor and very thorough**

# ROUTINE ADJUVANT

*-with a smile!*



STOUT

*Something cheery, something different*, to perk up the liquid diet! Brisk, racy Guinness Stout—brewed in Dublin, Ireland, since 1759—continues to attract increasing attention from the medical profession over here, where it has been used for 100 years.

Its usefulness stems from four principal established effects:

- stimulus to gastric secretion and digestion
- nutritive
- stimulus to circulation
- soothing soporific

Guinness retains its natural goodness. Nutritional elements are not filtered out. Obtainable wherever good ales are sold.

Biochemists' reports on Guinness Stout will be sent to doctors if requested on professional letterheads. Ask for any or all of these professional bulletins:

1. The Metabolism of Alcohol
2. The Effect of Alcohol on Gastric Secretion
3. The Vitamin B Complex in Malt Beverages
4. The Effect of Alcohol on Gastric Digestion
5. The Effect of Alcohol on the Cardiovascular System
6. File card, showing analysis and indications
7. Summary of Guinness uses, reported by several hundred doctors throughout the United States

Address: American Correspondent, A. Guinness, Son & Co., Ltd., Dept. ME-266, 501 Fifth Avenue, New York, N. Y. (Sole Dist. for U. S. A., W. A. Taylor & Co., N. Y.)

GU-266

# GUINNESS IS GOOD FOR YOU

# *"A guy with 24 doughnuts landed me on a battleship!"*



**1. This Chief Petty Officer** hollers: "Do you like doughnuts?" I thought he was crazy until he explained. "The ladies in town make doughnuts for sailors. But I can't eat 'em!"



**2. "They're no good without coffee, and the caffeine in coffee keeps me awake!"** Just then my girl came along. "Betty," I said, "let's educate this guy!" So we headed for Betty's kitchen.



**3. Betty made Sanka Coffee.** "It's 97% caffeine-free," she said, "and doctors say it *can't* keep you awake!" So he drank it while I told him I wished I could get off my shore job and onto a ship.



**4. Later, I'm transferred to a battle-wagon!** And here's this C.P.O., telling how Sanka Coffee lets him sleep... and how he was so grateful he spoke a good word for me when my transfer came up.

## SANKA COFFEE

REAL COFFEE... 97% CAFFEIN-FREE!



**MAIL THE COUPON** for a quarter-pound can of Sanka Coffee—free! Sanka Coffee is *all* coffee... *real* coffee... *only* the caffeine comes out... the *flavor stays in!* "Drip" or "Regular" grind. A General Foods Product.

GENERAL FOODS, Battle Creek, Mich. M.E.G.-42

Please send me, free and without obligation, a one-quarter-pound can of Sanka Coffee.

Name

Street

City  State

*This offer expires Dec. 31, 1942  
Good only in the U.S.A.*



## *In the* **NUTRITIONAL** *demands* OF THE ADOLESCENT YEARS

The sudden acceleration of growth and development which characterizes the adolescent period, sharply increases the metabolic requirements for most of the specific nutrients.

New Improved Ovaltine is an advantageous means of satisfying the larger nutritional needs of adolescence. It provides an appreciable percentage of the daily need of proteins, vitamins, and minerals. The palatable taste of this concentrated food drink is especially attractive to both children and adults, hence encourages con-

sumption of whatever quantities may be deemed necessary by the physician.

Three daily servings (1½ oz.) of New Improved Ovaltine provide:

	Dry Ovaltine	Ovaltine with milk*
PROTEIN . . . .	6.00 Gm.	31.20 Gm.
CARBOHYDRATE . . . .	30.00 Gm.	66.00 Gm.
FAT . . . .	3.15 Gm.	31.95 Gm.
CALCIUM . . . .	0.25 Gm.	1.05 Gm.
PHOSPHORUS . . . .	0.25 Gm.	0.903 Gm.
IRON . . . .	10.5 mg.	11.9 mg.
COPPER . . . .	0.5 mg.	0.5 mg.
VITAMIN A . . . .	1500 U.S.P.U.	2953 U.S.P.U.
VITAMIN D . . . .	405 U.S.P.U.	432 U.S.P.U.
VITAMIN B <sub>1</sub> . . . .	300 U.S.P.U.	432 U.S.P.U.
RIBOFLAVIN . . . .	0.25 mg.	1.28 mg.

\*Each serving made with 8 oz. milk; based on average reported values for milk.

NEW IMPROVED



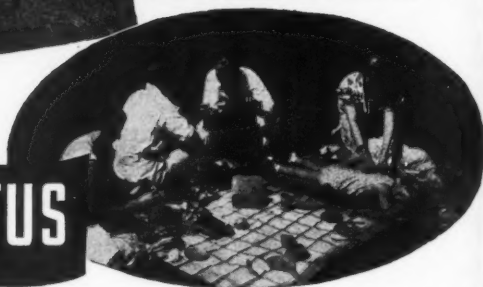
# *Ovaltine*

2 KINDS — PLAIN AND CHOCOLATE FLAVORED  
Ovaltine now comes in 2 forms—plain, and sweet chocolate flavored. Serving for serving, they are virtually identical in nutritional value.

Physicians are invited to send for a supply of individual servings of New Improved Ovaltine. The Wander Company, 360 North Michigan Avenue, Chicago, Illinois.



# PRURITUS



## and the TREK TO THE GREAT OUTDOORS

Calmitol contains chlor-iodo-camphoric aldehyde, levo-hyoscine oleinate, and menthol, incorporated in an alcohol-chloroform-ether vehicle. Pruritus is controlled through its blocking action upon cutaneous receptor organs and nerve endings. Calmitol is protective, bacteriostatic, and induces mild active hyperemia.

Increased exposure to plant and other irritants, and skin conditions intensified by heat and perspiration give Calmitol Ointment added importance during the summer season.

The intense itching of allergic food reactions, of ivy and oak poisoning and other contact dermatites, need only be short-lived. Calmitol Ointment acts promptly and allays the discomfort of pruritus for prolonged periods. Scratching is obviated and secondary traumatic lesions are prevented. Calmitol provides symptomatic relief also in urticaria, ringworm, eczema, and pruritus vulvae, scroti and ani.

*Thos. Leeming & Co. Inc.*

101 West 31st Street, New York

# CALMITOL

LIQUID and  
OINTMENT

THE DEPENDABLE ANTI-PRURITIC

# Editorial

## Higher Fees for House Calls

At least two office visits can usually be completed in the time it takes to make a single house visit. Minimizing house calls thus becomes a primary aim of civilian practitioners who must now find time to treat not only their own patients but also those of colleagues who have gone into the service.

Educating the public to cut down on requests for house calls was suggested in May MEDICAL ECONOMICS. The American Medical Association and several local societies (see p. 49) have since undertaken publicity with this as its objective.

Meanwhile, another method is available which should be even more productive. It discourages house visits by charging higher fees for them.

Medical societies here and there have already voted to raise fees because of increased professional expenses and living costs. Instead of raising all fees proportionately, though, it may well prove advisable to maintain office visit charges at, or near, their present level and to raise house visit charges *disproportionately*.

Few, if any, medical associations appear to have sponsored higher fees for house calls with the object of reducing the number of such calls. Yet in at least one community visited recently the desired result appears to have been achieved unintentionally. There, office calls continue at their former rate of \$2. Fees for house calls during the day have been raised to \$4. And fees for house calls after 6 P.M. have been increased to \$5. The local county medical society has wisely emphasized that the higher charges are not compulsory in every case, of course, but are at the discretion of the doctor, as has always been the custom.

It is paradoxical that the physician should have to decrease his house visits at a time when the tire and gasoline shortage is encouraging his patients to increase them. By setting fees for house calls sufficiently above those for office calls, however, he still has a good chance of minimizing visits to the home and thus saving enough time to care for a growing volume of patients.

—H. SHERIDAN BAKETEL, M.D.

## Military Service and the Physician



*The intensity of efforts to secure maximum efficiency in medical procurement is illustrated by the extraordinary conference called recently by Major Gen. James C. Magee, Surgeon General of the U.S. Army. In attendance were the chief medical officers of the nine corps areas and the chief surgeons of the 1st, 2nd, 3rd, and 4th Armies. While members of the medical high command gathered to discuss the lag in recruiting, Chairman Paul V. McNutt of the War Manpower Commission warned doctors to volunteer at a greater rate or risk compulsion. Shown above (l. to r., seated) are Col. C. C. McCornack, Chief Surgeon, 4th Army; Major Gen. Magee; Col. R. W. Bliss, Chief Surgeon, 1st Army; (standing) Col. F. H. Dixon, Chief Surgeon, 2nd Army; and Col. John Dibble, Chief Surgeon, 3rd Army.*



## The Medical Recruiting Fracas

By William Alan Richardson



Paul V. McNutt, Federal Security Administrator and chief of the War Manpower Commission, may have thought he was giving the medical profession a pep talk last month that would spur enlistment in the Army and Navy Medical Corps. Instead, inquiry shows, his philippic at the A.M.A. convention simply stirred up a lot of resentment and ill feeling.

Physicians were quick to take offense at the former Governor's implication that they were slackers, that they had been lying down on the job, and that horse-whipping them into the service would be the only way to get them there. Particular heat was generated by the McNutt statements that

"There is an apparent lack of interest on the part of your profession to volunteer;" and that

"An immediate and significant increase in the number of volunteers is absolutely necessary, or else. . ."

Even as Mr. McNutt spoke, some 135,000 of the 180,000 enrollment blanks sent to doctors

by the Procurement and Assignment Service only a short time before had been filled out and returned to Washington. The purpose of the blanks was to provide a means of signing up for medical work essential to the war effort; so every doctor who executed one became *ipso facto* a volunteer.

How many of the 135,000 enrollees volunteered specifically for duty with the army or navy was not known when this was written, but will be revealed as soon as the enrollment forms have been tabulated.

Inasmuch as more than 75 per cent of U.S. physicians have volunteered with the P&AS, how may the medical recruiting lag be explained?

There appear to be two causes:

Misunderstanding is the first. Many volunteers, after sending in their enrollment blanks, sat back and waited to be called. They did not realize they were then expected to apply for commissions on their own initiative.

The second factor behind the

medical recruiting lag has been the inaction of a good many physicians who knew they were supposed to apply for commissions but failed to do so. Specific instructions to apply for commissions were sent by the procurement service to a total of 12,000 volunteers. Some 4,000 of these were never heard from. Of the 8,000 who responded, about 2,000 were found to be physically unfit; and many of the remainder, the P&AS declares, failed to complete their papers for commissioning.

The P&AS now repeats that every qualified and available physician under 45 who has volunteered for military duty should immediately contact his State procurement chairman and request a commission. He should not wait for special instructions from Washington.

To make this point absolutely clear to all volunteers concerned, the procurement service has prepared a letter to these men, saying, in effect: "You have expressed your willingness to engage in military service. Our records show you to be available. Please apply at once for a commission."

The important thing to remember about this latest letter is that there is pressure behind it. If, within a relatively short time after a doctor receives it, he fails to

request a commission as instructed, his State procurement chairman will ask the local selective board to reclassify him.

Says Mr. McNutt on this score:

"State committees must perform in these next few months a task which will require rare skill and courage. It will not be a popular thing these committees will have to do."

To speed the medical recruiting rate, several other objectives are also being sought. These are

1. An early end to the let-George-enlist-I'll-risk-the-draft spirit among the minority;

2. Elimination of rough spots in the recruiting machinery. For instance: Some time ago a physician applied for a commission in Washington. He failed to pass his physical examination. Shortly afterwards, when the medical recruiting board in his home State of Florida began operation, he tried again—and passed his physical. Not until more uniform methods are established for the interpretation of diagnostic findings will this irritating situation be abolished.

3. Liberalization of State licensing laws, with particular reference to the extension of reciprocity. As far as has been learned, the War Department will not take the initiative in this matter. It is genuinely concerned, none the less, since State licen-

## *Military Service and the Physician (cont.)*



**At the A.M.A. Convention:** *Registration of Fellows was facilitated this year by registration aides. Here, Miss Lila Salasin of Atlantic City—a bathing beauty in her spare time—gives a few tips to Dr. James A. Cahill Jr. of Washington, D.C.*

sure barriers complicate the task of replacing civilian physicians who wish to join the armed forces.

On June 8, the Procurement and Assignment Service, the Of-

fice of Defense Health and Welfare Activities, and the Office of the Surgeon General of the Army were asked by this magazine whether they knew of any steps

being taken to bring about the desired easing of State reciprocity regulations. All replied no. A negative answer was given also by the Council of State Governments whose headquarters in Chicago maintain a close watch on legislative moves of this kind. Of course, only one or two State legislatures are now in session anyway; so quick action by any appreciable number of States is out of the question.

"There is evidence that there are still more areas in America," said Mr. McNutt, "which have not yet fully discovered the war...

"This is not a statement of opinion; it is a statement of some very hard facts. And remember this: There is yet far too little consciousness of any problem beyond that of obtaining physicians for the army and navy. The acute need for civilian service is not yet appreciated. There will be no 'business as usual' for physicians at home—any more than there can be for doctors in service."

Having pointed out his concept of the extent to which "non-realization" exists among medical men, the war manpower commissioner then got down to brass tacks. He inferentially predicted an army of 9 million men. The navy will probably absorb at least 1 million more. Thus, the manpower chief concluded, "the armed forces will require 33 1/3

per cent of *all* our physicians—including two-thirds of those under the age of 45."

This tallies with an estimate of a War Department spokesman reported in *MEDICAL ECONOMICS* last month. It indicates a probable maximum of 60,000 physicians with the armed forces, or about 40,000 more than held commissions on June 1.

Of the 40,000 to be sworn in after June 1, Mr. McNutt has demanded 20,000 by the end of 1942 and 10,000 during 1943, leaving a remainder of 10,000 to be recruited in 1944 or thereafter. Thus:

APPROXIMATE NUMBER OF  
MEDICAL OFFICERS WITH  
THE U.S. ARMED SERVICES  
(Cumulative figures)

June 1, 1942.....	20,000
Dec. 31, 1942 (est.)...	40,000
Dec. 31, 1943 (est.)...	50,000
Thereafter (est.).....	60,000

One result of the lethargic recruiting pace has been inability to establish pools, or reservoirs, of medical officers. "In 1917," a War Department official told *MEDICAL ECONOMICS*, "we always had several thousand physicians 'on ice' for the filling of requisitions. If we received an order to furnish a staff for a 500-bed hospital, all we had to do was dip into the pool for the required

[Continued on page 68]

## States Supply Quotas of M.D.'s

*Each State procurement chairman now knows how many physicians his State must furnish to the armed forces by the end of 1942*

So that the forty-eight States may share equitably in the loss of medical manpower to the armed forces, a system of quotas has been established which specifies the *minimum* number of doctors each State is expected to furnish. Taken into account in determining a State's quota are its population, its present number of physicians, their age, physical condition, and a host of other variables. These quotas are to be filled by the end of 1942; half filled, if possible, by August 1.

Since individual State quotas are subject to constant modification, the list of them in use at this writing is not included here. First call is for physicians under 37. No State's quota will be *less than 20* per cent of its physicians under 37; in fact, the number actually called will probably far exceed that.

Worth emphasis is the fact that each State quota is a *minimum* quota. Consequently, even if California's quota of doctors of all ages is 1,800, it does not mean

that the actual number of physicians to go will not total 2,500, or 3,000, or 3,500.

The temporary nature of the quotas set up at this time can scarcely be overstressed. So many changing factors enter into them that they are being revised constantly. The quotas now in use represent additions to the number of physicians in service as of May 1, 1942.

The Procurement and Assignment Service is not at all anxious to have its State quota figures released for fear that they may be misinterpreted. Subtracting the quota of a particular State, from the total number of physicians in that State, does *not* leave a remainder which the procurement service considers truly sufficient for the civilian populace. It leaves merely enough to get by with for the duration. The only conclusion the P&AS wishes drawn from present quotas is that individual States should supply at least the specified number of M.D.'s to the armed forces be-

fore the year's end.

The fact that State quotas of doctors for military service have been established immediately brings up the question: How many medical men will be left for the civilian populace? As reported in *MEDICAL ECONOMICS* last month, a spokesman for the



War Department predicts that two out of three U.S. doctors will be left at home for the care of civilians. At the A.M.A. convention, officials of the procurement service expressed the point somewhat differently by saying that every effort will be exerted to maintain *at least one general practitioner* for every 1,500 civilians. This is in addition to specialists, medical school teachers, etc.

While the ratio of one general practitioner for every 1,500 civilians may in time hold true for the Nation at large, it is evident that local variations (in the population per square mile, the capacity of individual physicians, their transportation problems, and many other factors) will cause wide departures from this ratio, both up and down the scale.

If 10 million men are taken into the armed services, the re-

[Continued on page 82]

**At the A.M.A. Convention:** *Engrossed in the job of looking up friends and their hotels in the A.M.A. Daily Bulletin: Dr. J. C. Dickinson of Tampa, Fla. Besides listing those in attendance at the session, the Bulletin includes current news and announcements.*

## Promotion in the Medical Corps

*How long it takes and who can expect it,  
plus an explanation of the process by which  
service grades are customarily determined*

The thousands of doctors now going into the army enter neither as Regulars nor as Reserves.\* Rather, they are sworn into the Army of the United States.

The AUS is a wartime consolidation of (1) the Regular Army, (2) Organized Reserves, (3) National Guard units, and (4) the green recruits, in whatever branch they may be, who have had no previous military training. In the Army of the United States they are all one. There are no differences in duties, insignia, or customs.

The only difference that need be remembered is that these newly enrolled physicians can expect to be separated from the service within six months after the war's end. The Regular remains in uniform, war or peace; while the Reserve and National Guardsman go on the inactive list after cessation of hostilities at a time which is discretionary with the Commander-in-Chief.

\*Reserve commissions have not been granted since last October.

Take a doctor 38 years old, fresh out of civil life, who is commissioned today as a captain in the Army Medical Corps. Let's say he is sent to the station hospital at Fort Riley, Kansas, and placed on the ophthalmology service. Hard working and well qualified professionally, he soon finds himself in temporary charge of the service. The permanent chief may be ill, he may have been transferred, or possibly the post may not have been filled. At any rate, our Dr. X becomes acting head of the eye department or, lacking that title, fulfills the duties thereof for six months or longer. He is then eligible for promotion to the rank of major.

A major, in turn, must shoulder the responsibilities of a lieutenant colonel for a period of at least six months before he may be advanced to that grade. Too, there must be a vacancy before he is promoted.

Whereas permanent promotion in the Regular Army is based upon seniority and length of serv-

ice, advancement in the Army of the United States is temporary and by selection. A civilian physician commissioned today as a major in the AUS Medical Corps might have had to work 15 years in the Regular Army to earn his gold leaves.

The army explains that every effort is made, in figuring personnel estimates, to establish grades commensurate with the duties and responsibilities to be executed. In simpler language, if a job calls for a man of a colonel's capacity, a colonelcy is provided. To skeletonize an example:

Suppose, a station hospital is being established. It is to have a chief, an assistant chief, an executive officer, a chief for each professional service, and the required complement of medical officers. Suppose also that the size of the camp justifies a full colonelcy for the head of the hospital. The assistant chief and the executive officer will then be lieutenant colonels; the head of each service—X-ray, urology, neurology and so on—will be majors; and the remainder of the staff will be composed of captains and first lieutenants.

The hospital chief may be a major in the Regular Army or the Organized Reserve, who has been advanced to the temporary rank of colonel in the Army of the United States. Many officers to-

day are occupying grades higher than their peacetime ranks, advancements having been necessitated by the swift expansion of our armed forces and the concomitant need for an increased number of superior officers, from generals on down.

Rules and regulations regarding promotions sometimes lead to situations that are peculiar and perhaps somewhat unfair. There is, for example, the case of a civilian doctor who joined the Reserve back in 1932 when he was 31 years old. He was made a first lieutenant. In 1941, when he was ordered to active duty because of the national emergency, he was still a lieutenant, having been too busy in his private practice to complete the correspondence course and to do the other things requisite for promotion in the Organized Reserve. Meantime, he had been certified as a specialist in urology and had been made the chief of that service in a large hospital.

Had this man been a non-Reservist, that is, if he had volunteered in the Army Medical Corps in 1941—or today, for that matter—his age, experience, and qualifications would have guaranteed him a major's rank. Under the circumstances that actually prevailed, however, he had to fill a captain's role for six months before being given a captaincy



gher  
ad-  
essi-  
n of  
con-  
ased  
from  
  
ard-  
lead  
and  
there  
of a  
the  
he  
made  
when  
be-  
ency,  
ving  
rac-  
ond-  
ther  
in in  
ean-  
as a  
had  
erv-

Re-  
un-  
ical  
that  
and  
ear-  
Un-  
ual-  
l to  
ths  
ncy



## At the A.M.A. Convention:

*The artistic aspects of The Ape are pointed out by Dr. F.*

*H. Redewill to Drs. R. F. Ridpath and W. R. Davies. Scene is the exhibit of the American Physicians' Art Association, which Dr. Ridpath (left) heads.*

and then had to perform the duties of a major for a like length of time to get his majority—a grade which, on merit, was deservedly his much earlier.

Might he not, you ask, have resigned from the Reserve and, applying for a commission from scratch, been accepted as a major? No. In time of war or national emergency one does not “resign” from the Army.

“The general policy,” says the medical corps officer quoted previously, “is to utilize new officers to the full, but not at the cost of discriminating against men who hold service seniority. As long as new medical officers receive commissions that are in line with their professional caliber and age, there can be no valid charge of discrimination in their favor.”

## Duties of a Medical Officer

*Some clues as to whether, when commissioned, you will be part of a station complement or assigned to field duty*

Age, rank, physical condition, and—above all—current needs are the major factors that determine the duties of a doctor in the armed forces today.

No practitioner over 56 is now being placed on field duty with the troops. On the other hand, almost every physician under 37 who is healthy enough to qualify for unlimited service *will* be assigned to field duty.

Field duty means just that: duty in the field with the troops—from the firing line to the evacuation hospital. The Medical Corps is more likely to use the term “attached medical,” which implies that where the regiment goes, there goes the medical battalion. “Station complement” refers to a medical detachment on duty at a permanent post (*e.g.*, a base hospital).

For many reasons—military secrecy, plans to employ more medical administrators, fluctuations in theatres of operations, etc.—it would be both difficult and ill-advised to state exactly

how many doctors are required for field duty. The best semi-official estimate which may be released is that approximately one half of the Army Medical Corps' M.D. strength will be so utilized.

Without contradicting the general statement already made, to the effect that almost every physically qualified medical officer under 37 will be placed on field duty, it can be said that at least a few exceptions will be made among young specialists of proven ability.

Dr. Y, an active recent volunteer, has had seven years of post-graduate work in urology; yet he is only 33 years old. With a less impressive background, this man would almost certainly be commissioned a first lieutenant and be earmarked for duty in the field. As it is, he is going to be assigned as a captain to a general hospital, where he can be of the greatest value.

Once commissioned, the medical officer—especially the young one—should not be too sure of

continuing the kind of work he did in private practice. It's true that many orthopedists, traumatic surgeons, internists, and dermatologists are carrying on in uniform much as they did on Main Street. (That even goes for the obstetrician who spends his time delivering officers' wives.) But, by and large, work is assigned, not selected.

Even though a medical officer may state a preference for a particular type of duty, and though this preference will be considered in the designation of his station, the army must naturally make the final decision. As Lieut. Col. Sam F. Seeley, executive head of the Procurement and Assignment Service, puts it:

"The medical officer does not pick his location or dictate what duties he shall perform. Our first and most important job is to win the war. A thorough appraisal of each officer's qualifications is undertaken by the Office of the Surgeon General. Every effort is

made to the end that the doctor shall serve in a capacity where he can do the most good."

Destined to make quite a change in the duties of the medical officer are the several hundred



**At the A.M.A. Convention:** *Hemispheric solidarity was the theme of this convention. Here Dr. Manuel Roca-Garcia, of Colombia, discusses the epidemiology of yellow fever. His exhibit won a gold medal for scientific excellence. Thirty Latin-Americans exhibited.*

### *Military Service and the Physician (cont.)*

Medical Administrative Corps officers now being graduated each month in Pennsylvania and Texas. These men will remove extra-medical burdens from the shoulders of physicians who can then devote full time to caring for the sick and wounded and to keeping well soldiers well.

"Our instructions are to sub-

stitute lay experts for M.D.'s wherever possible," says a corps executive. "Economic utilization of our physicians is of paramount importance."

All of which means that in this war the entomologist and biochemist of the Sanitary Corps and the book-and-desk man of

[Continued on page 72]



#### **At the A.M.A. Convention:**

*Technical exposition displays included an assortment of items ranging from corsets to catheters. At one of the surgical instrument booths, Major Sidney Lasell, M.C., of New Cumberland, Pa., hears about a new anesthesia unit.*

## Military Questions and Answers

*Here are replies to a veritable multitude of inquiries from readers, about medical service with the U.S. fighting forces*

*"If a doctor who is under 45 and who has three children does not apply for a commission, yet is qualified for one, will selective service place him in Class 1-A or 3-A?"*

Draft boards have been specifically instructed by selective service headquarters to take into consideration, when classifying a physician, the pay and allowances he would receive as a commissioned officer in the medical corps. Because draft boards are autonomous, their actions cannot, of course, be unerringly predicted. Most boards, however, will probably place in 1-A the doctor who waits for the draft to get him and whose family could subsist on an officer's income.

### DEPENDENTS

*"What happens to the dependents of a doctor who refuses a commission and is drafted?"*

If he is impractical enough to get himself into this position, his dependents will have to shift for themselves.

*"I have a boy—a junior at medical school. If I am called to active duty, will the Government pay his way?"*

No. But your pay and allowances as a medical officer will probably enable you to do so. Perhaps a scholarship can be obtained to help out; a good many are now available.

### DISCRIMINATION?

*"A number of educated laymen have been asked by the army to accept commissions and have declined, without subsequently being drafted. Yet a physician who declines is drafted. Is that fair?"*

It depends on your point of view.

### ESSENTIALITY

*"What about a young physician who works part time in an essential industry. Is he available or unavailable for military service?"*

If he is eligible for a commission and can be replaced by a doctor who is not eligible for a

commission, he will probably be considered available.

*"Is the holder of a teaching position in a medical school likely to be called into active service?"*

See answer to preceding question.

*"If a physician is declared essential by his hospital but is otherwise qualified for a commission, can he be sure of deferment?"*

No—for two reasons: (1) The Procurement and Assignment Service determines a doctor's essentiality not on the recommendation of one institution but on the recommendations of hospitals, medical schools, medical societies, industrial concerns, public health organizations, and other agencies with which the physician is connected. (2) Even a man now classed as essential may later be reclassified as available if a replacement can be found for him. . . . The procurement service has given its State chairmen definite instructions not to designate as essential any physician under 45 who is qualified for military service, except in rare instances.

#### LAPEL BUTTONS

*"I thought that physicians of military age who had volunteered for service and been turned down because of physical condition or essential status were going to receive lapel buttons to show that they actually had volunteered*

*and were not simply holding out on their country. How about it?"*

That was the intention. But two obstacles have stood in the way. One is the not uncommon opinion that such buttons would be discriminatory ("Why should physicians get them when other people don't?"). Second obstacle is the amount of time and work the issuance of buttons would require—especially during a period when every ounce of effort is being concentrated on the major task of speeding medical recruitment. Mr. McNutt's office may assume the button problem and do something about it; but the outcome is, at this writing, indefinite.

#### CIVILIAN PRACTICE

*"Suppose a doctor volunteers with the Procurement and Assignment Service for civilian practice in another community. Must he accept whatever position is offered him?"*

No. As a volunteer, he cannot be ordered anywhere. On the other hand, if he complies with the request, he will probably be classed as essential—i.e., not available for military service. Conversely, if he does not comply and is eligible for a commission, his local draft board may quite likely be asked to reclassify him. Once in the army or navy, his record of having repudiated

[Continued on page 48]



*At an Army Medical Corps exhibit during the A.M.A. convention, Maj. L. C. Shellenberger (above) of the Surgeon General's Office interests Managing Editor Richardson of MEDICAL ECONOMICS with a description of an army bus ambulance. At an OCD exhibit, a dummy (right), displaying some new gas-proof clothing, fails to interest Dr. Charles F. Wilinsky of Boston.*



## Delegates Score Rebating Evil

Though war and its allied problems dominated last month's meeting of the American Medical Association, the House of Delegates approved the essence of several resolutions of medical-economic interest. Among them (condensed):

¶ "Recent magazine articles have

called attention to shady practices of secret rebates to physicians. Commercial concerns, by the employment of cappers and steerers, and by secret rebating, are largely responsible for these criticisms. Resolved, therefore, that it be declared unethical for members to refer patients to

commercial organizations who advertise to the public and to others than the medical profession, who employ steerers and cappers, or who offer to pay rebates or in any other manner violate the Principles of Medical Ethics."

¶"Many persons with chronic diseases have been advised to secure treatment, but tend to postpone treatment. Meanwhile, thousands of physicians have joined the armed forces, and many more thousands are joining. It is therefore recommended that all persons who have had medical or surgical care prescribed for them should secure care while sufficient doctors remain available to the civilian population."

¶"At the conclusion of hostilities many young medical officers who return to civilian practice will need refresher training in general clinical medicine. It is therefore recommended that the Council on Medical Education and Hospitals develop a program for such training in conjunction with various medical schools and State medical societies. It is also recommended that the Board of Trustees confer with the proper Government authorities as to the possibility of granting furloughs with full pay and allowances to medical officers desiring to take such refresher courses."

¶"In certain health and hospital schemes, medical services are being billed under the term 'hospital services' and are being paid

for by insurance companies only so long as they are labeled 'hospital services.' Insurance companies are therefore requested by the House of Delegates to include only hospital benefits in hospitalization policies. If the inclusion of indemnification for medical services (such as surgery or radiology) is desired, then payment of such should be made only on receipt of a certified statement from a physician that he has rendered such. Hospitals and physicians are requested to see that bills for hospital and medical services are clearly distinguished. The latter should bear the name of the physician rendering the service, in order to indicate clearly that the charge is for medical service."

While A.M.A. delegates were passing these resolutions, another group of doctors took advantage of the convention gathering to hold the initial meeting of a new specialty society. They formed the American Geriatrics Society, the avowed purpose of which is the "preventive and curative treatment of diseases of advancing age." Six papers were on the new society's first program.

The elected officers of the A.G.S. are as follows: president, Dr. Lucien Stark of Norfolk, Neb.; vice-president, Dr. Wingate Johnson of Winston-Salem, N.C.; secretary, Dr. Malford W. Thewlis of Wakefield, R.I.

—JAMES S. MCNABB

The  
tice,  
A.M.  
sour  
plan  
hold  
pane  
evol  
nent  
A  
erag  
of t  
helo  
turn  
gran  
to  
who  
exec  
thu  
den  
tifi  
wit  
rath  
year  
I  
tinu  
pro  
int  
De  
cal  
Sec  
fer



## A.M.A. Holds First G.P. Sessions

By F. H. Rowsome Jr.



The Sessions on General Practice, held last month at the A.M.A. convention, were a resounding success. So much so that plans are now going forward to hold them again next year, to expand the program, and to try to evolve from the sessions a permanent Section on General Practice.

Attendance at the sessions averaged about 600 doctors on each of the two days meetings were held. One reason for the good turnout was the fact that the program had been neatly engineered to include a number of men whose reputations made them excellent drawing cards. The enthusiasm engendered was so evident that the Council on Scientific Assembly determined forthwith to hold meetings on three rather than on two days at next year's convention.

If interest in the sessions continues to grow, it's considered probable that a resolution will be introduced before the House of Delegates—perhaps next year—calling for the organization of the Section on General Practice referred to above.

The shortage of doctors on the

civilian front is causing many specialists and retired doctors to re-enter general practice. The present year is therefore looked upon as an excellent one in which to lay the groundwork for a permanent section. When such a section is organized, it will stand a good chance of becoming the largest within the A.M.A.

As far back as August 1940, MEDICAL ECONOMICS reported<sup>\*</sup> the development of sentiment to secure greater recognition for general practitioners. The points were then made that G.P.'s lacked (1) adequate representation in the government of American medicine; (2) sufficient opportunity for postgraduate study; and (3), proper recognition of their professional attainments.

Last month's Sessions on General Practice were an important first step in the achievement of this three-point program.

<sup>\*</sup>See the following articles: "G.P.'s Return to Favor," December 1938; "Recognition for the G.P.," August 1940; "Upheaval in General Practice," December 1940; "A Specialist Speaks," "G.P.'s Organize in Detroit," "G.P.'s Unite in East and West," January 1941; "Certification of G.P.'s a Possibility," February 1941; "G.P.'s on Hospital Staffs? Yes!" May 1941; "G.P.'s Win Sessions in A.M.A.," "The New G.P. Sessions," "The Voice of General Practice," July 1941.



**At the A.M.A. Convention:** *Salt-water taffy, a boardwalk tradition for years, was shipped home to many a physician's family during the Atlantic City session. Dr. and Mrs. Oliver E. Turner of Pittsburgh, Pa., have just bought their 63 cents' worth.*

#### QUESTIONS AND ANSWERS

*[Continued from page 44]*

a pledge to serve may well prove a millstone around his neck.

It is evident from this that only against doctors under 45 can pressure be brought to bear at this time. Yet enough older volunteers must be on call to replace men who have gone into the service and to assure proper care for the civilian population. It is expected that these older men will be willing, even at personal sac-

rifice, to pull up stakes and start new practices in communities suffering from lack of medical care. Should this voluntary method fail, the War Manpower Commission will no doubt ask for legislation of a mandatory nature.

*"I am 54 years old. What is my chance of being drafted for limited service or of being transferred to some small community to replace a doctor on active duty?"*

Barring a change in present  
*[Continued on page 74]*

## Save Your Doctor's Time!

The present emergency places many added responsibilities upon the doctor of medicine. Before the end of this year about one-third of the active practising doctors of this State will be doing military duty. The older doctors will be called upon to do the major part of the civilian work.

The doctor must make his calls geographically. Hence he must outline his work in different sections of the city at a reasonable hour in the morning. He must avoid calls to the same section of the city twice in the same day.

### COOPERATE WITH YOUR DOCTOR DURING WARTIME EMERGENCY IN THE FOLLOWING WAYS:

1. If you desire a house visit, call the doctor around eight o'clock in the morning. This is a reasonable hour for most physicians. A person or child who has a temperature of 100° or over in the morning may be expected to have a higher temperature in the afternoon, so do not delay until you take the afternoon temperature.

2. Go to the doctor's office when you can, thus saving him the time necessary to make a house visit.

3. If you desire information on the telephone, help save his time by having a pencil and paper ready to note what instructions are given.

Providence Medical Association

**Poster:** *As an aid to its members, the Providence (R.I.) Medical Association gives physicians copies of this notice, suggests they display it in waiting rooms.*

## Rhode Island Tries Compulsory Disability Insurance

*By*

*John E. Farrell*

First State in the Union to declare its independence, Rhode Island is now the first State to institute compulsory disability insurance. The new plan, which started operation June 1 (though benefits won't begin until April 1, 1943), provides cash for loss of wages due to illness.

After a one-week waiting period, sick workers are to be paid from \$6.75 to \$18 a week. A person who is sick more than once in the same year can collect benefits until the credits to which he is entitled have been exhausted. Total amount a worker can receive in a year will range from \$34 to \$364.50, depending on his earnings record and on the duration of his illness.

Purpose of the act is to supply limited financial aid to employes whose earnings are temporarily lost through sickness. Even though the law doesn't specifically insist that the worker devote part of his benefits to medical expenses, it's likely that the doctor's bill will get some attention. Reason: A physician's certificate will probably be required as proof of ill-

ness in filing a claim for benefits; and the worker will scarcely ignore the bill if he expects to seek similar certification in the future.

The new law is closely interlocked with the State unemployment compensation act, and is administered by the same officials. Benefits are identical with those now paid for unemployment for reasons other than sickness.

Funds to pay the benefits will be secured from a re-allocation of the 1½ per cent tax deducted from employe's wages for unemployment insurance. Here's how it works:

Rhode Island is one of five States which require workers to contribute to an unemployment compensation fund. (In the other forty-three States employers alone are taxed.) Under the new disability insurance plan, the 1½ per cent employe deduction is divided thus: One per cent goes into the cash sickness fund, and the remainder continues to go to the unemployment fund. The sickness fund is being allowed to accumulate as a reserve against the

payment of benefits beginning next April 1, at which time an estimated \$3,000,000 will have accrued.

The manner in which the new plan is woven into the State's unemployment system is best illustrated by example:

If Roger Williams is out of a job, he files a claim for unemployment benefits, waits two weeks, then starts collecting benefits. If he becomes ill before he can find work, he is then eligible only for sickness benefits. These he receives until either (1) he returns to good health or (2) he exhausts the maximum sum due him. When he is well again, he returns to unemployment benefits until he finds a job or until he expends the maximum.

If he is temporarily unemployed as a result of sickness and has a job to return to or new work to accept, he is eligible, during the time he is actually ill, for sickness benefits only.

The definition of sickness under the new law is exceptionally comprehensive: "An individual shall be deemed to be sick in any week in which, because of his physical or mental condition, he is unable to perform any services for wages." The task of devising a workable way to determine compensable sickness is one of the vexing problems confronting the administrative board. A physician's certificate attesting to the fact and duration of sickness seems at present to be the board's most

likely solution to this problem.

Will Rhode Island's type of disability insurance offset the threat of a Federal health program? Probably not. The plan as presently shaped offers benefits only to the wage earner, and only for a limited period. No stipulation prevents the sick worker from regarding his grocer or landlord as a more deserving creditor than his physician. And no specific provision is made to insure that a sick worker will purchase proper medical and hospital service.

But in so far as the law provides a small, temporary income to tide a family over periods when the wage earner is sick, it does perform a valuable function. Furthermore, as Rhode Island physicians point out, it has the advantage of being a State rather than a Federal endeavor—a distinction generally taken to imply that the program will be more flexible, better adapted to local conditions, and less liable to uncontrolled bureaucratic growth.

Some alert physicians have noted that the law has one small cranny into which the wedge of Federal intervention might be inserted. The act states that 1 per cent of the sum collected each year may be allocated to administrative expenses; and adds that such sums shall be available only if Federal funds are not available under possible future amendment to Title III of the Social Security Act. Thus, if Congress ever does amend Title II to make such a

provision, it's possible that Washington might then contrive to get a voice in administering the program.

What does the local medical profession think of Rhode Island's new scheme?

Officially, medical societies in the area have taken no stand, on the ground that the program envisions payment of cash benefits, not medical or hospital service. Unofficially, many doctors are watching developments hopefully. They feel that the plan, if successful, may retard Federal intervention.

Worth note in the light of possible developments in other States is the fact that the law was more

or less sponsored by labor. In fact, when some authorities suggested that the employees' payroll tax might be eliminated entirely, organized labor recommended instead that the tax be continued to build a fund which could be used to add in some way to workers' security.

Physicians who have pondered the merits of State rather than Federal control of disability insurance will watch Rhode Island's experiment closely. For in the next few years it will be up to the country's smallest State to prove that a local sickness insurance program, under local control and financed by local capital, can be successful.



## A Tested Collection Letter

Fear of legal action has long been a good hypodermic to stimulate sluggish debtors. One physician deftly utilizes this fear in the following letter, which none the less does not specifically commit him to legal steps:

"Dear Mr. Smith:

"I'd like to have you settle this account without any difficulties arising between us, but you must admit that so far you've given me an unfavorable impression of your intentions. If I cannot collect this bill through personal means, my only remaining al-

ternative will be to take more vigorous action.

"It seems scarcely probable that you would force me to take such a step. However, I must base my future actions on your reply (or failure to reply) to this final letter.

"Sincerely yours,"

Tough? Not nearly as hard-boiled as the campaigns usually launched by professional collectors. The letter has brought its writer a healthy percentage of collections from "let-the-doctor-wait" debtors. And without rousing any unfavorable reactions.

## Investing in the Drug Industry

*The probable effect on securities in the drug industry of war needs, plant conversion, botanical shortages, and war taxes*



Diversion of more than one-half the Nation's income into war activities will unquestionably have far-reaching effects on the drug business. What will this mean to the physician who holds securities in this essential industry?

To begin with, it means that heavy tax burdens, product dislocations, and the conversion of facilities to war work will complicate the investment outlook, despite the fact that sales are now running higher than ever before.

Demands on the drug trade have sprung up in unforeseen ways. For example, there was the emergency last March when the whole country was quietly scoured for snakebite remedies to send with the fighting forces to India. But an alert was sounded in the industry long before Pearl Harbor. Most problems were recognized as they arose, production increased, and substitutes developed where necessary and possible. As a result the medical services in the U.S. armed forces were better prepared for war

than almost any other branch.

The American public seems more health conscious today than ever before. Housewives are learning about vitamins through nutrition courses and through high-powered publicity drives. There is a great incentive these critical days to keep fit. And the country's constantly rising purchasing power permits the individual to satisfy more fully his needs for preventive and curative medicines.

First-aid kits for air raid defense are in demand everywhere. The Government itself, according to one medical officer, will spend more than \$40,000,000 for drug and chemical medicinals this year, as against \$25,000,000 in 1941. Sales in the drug trades average about 10 per cent higher than a year ago.

### EXPORT GAINS

Exports of medicinal and pharmaceutical preparations increased about 35 per cent in 1941, and further gains are expected if shipping space is available. Amer-

*[Continued on page 84]*

# Does the Public Health Movement Menace Private Practice?

By

C. H. Wilson, M.D.

Preoccupied with the ogre of socialized medicine, our profession has been curiously apathetic toward a threat to private practice from another direction. This threat is every bit as real, and perhaps far more immediate.

For two or three decades public health has been growing fast. It has also grown steadily more eager to appropriate for itself the procedures and activities which were once the perquisites of individual doctors.

---

¶Unobtrusively but steadily, public health has encroached upon private practice—though for reasons discussed here, the medical profession has rarely paid much attention. Dr. Wilson is well-qualified to write on this topic, since he has had experience in both fields. "There's little doubt that public health agencies have sometimes succeeded where private practice has failed," he says, "and equally little doubt that some public health zealots are working toward unabashed state medicine." While the editors do not concur with all Dr. Wilson has to say, they believe physicians will find his analysis a searching one.

---

I do not necessarily contend that public health and private practice are incompatible, nor that a fierce competition between them is imminent. My point is that medicine, while guarding against socialization, has accepted a movement which is potentially quite as inimical to private practice. It will pay us, therefore, to study the record of public health with an analytical eye.

Public health has seen these four stages of development:

1. *The Placard and Policeman Stage.* During this stage (which existed in the early part of this century) the public health worker occupied himself chiefly with tacking up quarantine and "\$10 Fine for Spitting" signs, or with peeping into privies to apprehend unsanitary householders.

2. *The "Help the Doctor Diagnose his Patient" Stage.* From a small beginning as a limited laboratory service for a few communicable diseases, this phase of public health proliferated amazingly. It soon took over the testing of water and foods. It branched out to include services



t  
ntend  
private  
, nor  
ween  
int is  
rding  
cept-  
oten-  
private  
there-  
pub-  
l eye,  
these  
:  
eman  
which  
f this  
work-  
with  
"\$10  
with  
ppre-  
ers.  
Diag-  
om a  
l lab-  
com-  
ase of  
amaz-  
test-  
s. It  
vices



*"Public health moves into fields where private practice has been least successful." Here a "maternity crew" hurries to a delivery in a Chicago slum. This city's infant mortality rate is far under the rate for the U.S. as a whole.*

for other diseases: tuberculosis, pneumonia, gonorrhea, syphilis, etc. Such laboratory diagnostic

services as X-rays for tuberculosis and tumor pathology for cancer were also introduced. (New York, Massachusetts, and Illinois are among the States which currently supply the latter service.)

In addition to these more or less impersonal functions, public health also began to supply physicians with free consultant service. This began as a part of com-

municable-disease control, when a health officer would serve as a consultant in contagious diseases. It has since grown so that the services supplied now cover cancer, orthopedics, venereal diseases, and many others.

3. *The "Help the Doctor Treat his Patient" Stage.* At first this encompassed merely the supplying of such biologicals as diphtheria antitoxin. Later came the arsenicals for syphilis and the sulfonamides for gonorrhea and pneumonia.

The consultant services also began to offer assistance in treatment as well as in diagnosis. In Chicago, for example, the health department offers consultants in obstetrics and pediatrics. The program there supplies far more than simple consultant assistance, however. It provides transportation to hospitals, incubator service, nursing service, even free breast milk if Mama runs dry.

4. *The "Treat the Doctor's Patient for Him" Stage.* Here the first step was the hospitalization of cases of contagious and venereal diseases and tuberculosis; then hospitalization for crippled children and now, in many States, for victims of such diseases as cancer. (Missouri, New York, and Massachusetts are among the States where health departments currently provide hospitalization for cancer.)

Chicago's health department exercises unusual authority in the hospitalization of premature in-

fant. Under city law a premature birth must be reported to the health department. If the premature is born in a hospital which does not measure up to health department standards, the department engages in various legal manoeuvres by which it can extract the infant from the hospital where it was born and from the care of its original physician.

Thus in only a few decades, concepts of public health have changed drastically—from the tacking up of placards to the actual treatment of diseases which are not communicable by any stretch of the imagination. In fact, leaders in the field have admitted that "Communicable Disease Days" and similar restricted promotional efforts are on their way out, and that from now on public health will take over any and all of medicine and surgery as the need may arise.

No longer is public health a field into which a doctor who is a nice fellow—but who can't make a living in private practice—can easily be shunted. In many ways it has become a true specialty, requiring preparation on a par with that required by other specialties.

The problems that once demanded the full attention of public health facilities are now no more—with of course a few exceptions. By and large, typhoid has been conquered by cleaning up the water and milk supply, smallpox by vaccination, and

prema-  
rted to  
he pre-  
which  
health  
he de-  
is legal  
can ex-  
ospital  
om the  
an.  
ecades,  
have  
m the  
he ac-  
which  
y any  
n. In  
ve ad-  
e Dis-  
ricted  
their  
ow on  
r any  
urgery

lth a  
who is  
make  
—can  
ways  
ialty.  
a par  
spe-

e de-  
pub-  
v no  
y ex-  
hoi-  
ning  
ply.  
and



*Though aggressive public health departments have far outgrown the "placard stage," this picture symbolizes the full circle. It shows Dr. Herman Bundesen, sparkplug of Chicago's health department, dramatizing a venereal disease campaign before press cameras.*

diphtheria by immunization. Tuberculosis has shown a marked decrease (at least up to the beginning of the war), due to a number of complex factors, with public health contributing a great deal. Syphilis shows signs of being brought under control; in New York the number of new

cases has declined markedly in the last five years.

Result is that public health today is like the man who has cleaned up his own back yard and who then decides he'll help a neighbor clean *his* yard—whether the neighbor wants help or not. So far, the relationship has been mostly amiable. Public health rather hopes the neighbor will appreciate help, and tries to convince him that he needs it. But always in the background is the potentiality that, in the search for *Lebensraum*, public health will get tough and move in anyway.

Fundamental to the dynamics of its expansion is the fact that public health moves into fields where private practice has been least successful. For example:

Medicine has long known that infant mortality could be reduced if hospital nurseries were operated under more rigid controls and if adequate equipment and personnel were provided. But even though private practice had the facts, it did not (and perhaps could not) do anything about it. It remained for a few outstanding health departments to step in and practically force private practice to act. A sample result: In Chicago the infant mortality rate is twenty-nine per thousand births; in the country as a whole the rate is in the forties.

To cite another illustration:

The fact that early diagnosis

and early treatment will reduce the number of deaths from cancer is known to every doctor. But it remained for public health to apply that knowledge effectively. The cancer control program in Massachusetts has both increased the percentage of cures and cut the cancer death rate in comparison with neighboring States which have left cancer in the hands of private physicians. As a result, it is reasonably estimated that the program there has saved approximately 1,500 lives that would otherwise have been terminated by cancer.

There are many other examples. The widespread facilities for typing pneumonia and for securing sera and sulfonamides to treat

the disease are the achievements of public health, not of private practice. Today, public health includes any field of medicine where private practice has fallen down in the job of making the widest possible application of knowledge available to all the population.

Has organized medicine, as represented by such groups as the American Medical Association, realized this?

Apparently not. While 535 North Dearborn Street emits shudders and groans over the prospect of Government regimentation and pokes gingerly at the bogey of state medicine, it pays little attention to public health programs. Instead, it has devoted its efforts to opposing some of



*In a Georgia juke joint, U.S. Public Health Service workers collect blood for V.D. tests. Public health's effectiveness lies in centralized control, government funds, aggressiveness, and elaborate promotion.*

the more fantastic socialized medicine proposals, which in many cases would have been so unworkable as to be harmless if passed. But bills have slid through Congress and State legislatures which, by expanding personnel and providing funds, enable health departments to enter field after field—with seemingly little more than a cursory glance from the A.M.A.

Why? There are four prime reasons:

1. Public health has proceeded gradually, step by step, rather than with a spectacular fanfare such as attended the so-called medical regimentation bills.

2. Public health always comes with some sort of a peace offering for private practice—such as free drugs, free laboratory service, and free consultant service.

3. Public health usually tries to cooperate with physicians and to avoid antagonism and friction. There have been exceptions to this, but they are infrequent.

4. Public health has public opinion behind it because *it gets results*. By concentrating on fields where private physicians have accomplished least, public health has been able to show an enviable record. Mothers whose babies' lives have been saved through the efforts of a well organized infant welfare program are likely to turn a jaundiced eye on the private physician who criticizes health department expansion.

The relatives of Aunt Emma who had her cancer cured through

the efforts of the health department's cancer center are going to give short shrift to the M.D. who grumbles that he should have been allowed to cure it. Very possibly they may remind him that Grandma went to him with her cancer and he didn't cure her. It will do him little good to point out that he didn't have, at the time, the diagnostic and treatment facilities that the cancer center now has.

Does the constant expansion of public health constitute a danger to private practice? The soundest answer seems to be yes and no: No, up to the present, but possibly yes in the future.

Thus far the physician has generally gained at least one patient—sometimes more—for every patient that public health has taken away from him to treat at State expense. In fact, there are numerous instances in which the lot of the private physician has been bettered by the activities of a well-staffed, well-run health department.

What the private physician has to fear (a fear in which thoughtful public health administrators join) is that health departments may fall into the hands of either politicians or zealots. "Vote for Joe Doakes and have your gall-bladder X-rayed" could well become the platform of some ambitious alderman of the future.

The likelihood of political infection, needless to say, increases

[Continued on page 98]

# Your Legal Questions Answered

By James R. Rosen, M.D., LL.M.



*It is my understanding that if a man joins the armed forces, neither he nor his family can be sued for an outstanding medical bill. Is that true? If so, how long does he remain "suit-proof"?*

The answer to this question is governed by the Soldiers' and Sailors' Civil Relief Act of 1940. Under its terms, a physician (or other creditor) is not prevented from bringing suit against a patient for an outstanding bill, even though the patient is a member of the armed forces. However, at the court's discretion, the act does

---

¶If you are confronted with a medico-legal question of broad interest to other physicians, submit it to MEDICAL ECONOMICS for reply. Although personal legal advice cannot be given here, every effort will be made to throw light on legal problems with which physicians generally are concerned. Dr. Rosen is a member of both the medical and legal professions: He received his M.D. from the Long Island College of Medicine and his LL.M. from New York University. Though in active medical practice, he is also a member of the New York Bar.

---

prevent the immediate collection of the amount involved, even if judgment is granted against the delinquent.

This is how the act would operate in several specific cases:

Where a debtor in military service is served with a summons but is unable to defend the suit, the court may hold up the suit until such time as the defendant is able to defend it, or until sixty days after the termination of his military service.

Where a debtor in military service is served with a summons and *does* defend the suit, the court may hold off the recovery of the judgment until ninety days after the termination of military service.

Where a debtor in service is served with a summons but fails to honor it with an answer, the act requires that the suing physician make known to the court, by affidavit, that the defendant-patient is in the armed forces. Under this law, the court then may do one of two things. It may appoint an attorney to defend the patient, or it may hold up the action until sixty days after

the termination of service, within which time the debtor must defend the suit.

If, after an attorney has been appointed to defend the man, a judgment is granted against him, the court may either reserve for the defendant his right to answer, or may hold off collection of the judgment until ninety days after the defendant's military service has terminated.

In summation, it may be stated that a person in the armed forces is not "suit-proof." The law gives broad discretionary powers to the courts so that they may protect those in service from judgments which might be obtained without due process of law. It is probable that if the patient, even though in the armed forces, is a man of means and if the collection of a judgment would not create a hardship for him, the court would permit its collection.

The act is a Federal law and as such applies in all States, territories, and possessions.

*Is a medical school graduate with no license in any State permitted to use the title "Doctor"? Likewise, may he use "M.D." after his name?*

If the degree of Doctor of Medicine has been conferred upon him by a duly constituted and authorized institution, he may as a matter of right use the title "Doctor." He also has the right to use "M.D." after his name.

But the use of his title for the

purpose of obtaining patients for diagnosis and treatment is illegal unless he is, in addition, licensed to practice by his State. There are two exceptions. He may practice medicine, even though not licensed, (1) while actually engaged in the performance of his duties as a member of the resident staff of a legally incorporated hospital; or (2) while serving as an interne in a State institution.

*It was stated in MEDICAL ECONOMICS that it is not safe for a physician to try to collect a bill by contacting the delinquent's employer, since this might be construed as libel. I have been informed that this is not true in New York and that a creditor may employ any available means to obtain payment. What is the actual situation?*

Undoubtedly the charge that a man is unwilling or unable to pay his just debts seriously reflects upon his credit. A statement to an employer that his employe owes the doctor a bill is of itself not libel. But where such a statement is coupled with words imputing repudiation of the debt, it may, depending on the wording, come within the realm of libel.

In New York as in other States there is no specific law giving a creditor the right to use "any available means" to collect a debt. He may use only the legal means at his command.

# Rx DESITIN OINTMENT

*The External Cod-Liver Oil Therapy*

**USED EFFECTIVELY IN THE TREATMENT OF  
Wounds, Burns, Ulcers, especially of the Leg, Intertrigo,  
Eczema, Tropical Ulcer, also in the Care of Infants**

Desitin Ointment contains Cod-Liver Oil, Zinc Oxide, Petrolatum, Lanum and Talcum. The Cod-Liver Oil, subjected to a special treatment which produces *stabilization* of the Vitamins A and D and of the unsaturated fatty acids, forms the active constituent of the Desitin Preparations. The first among cod-liver oil products to possess unlimited keeping qualities, Desitin, in its various combinations, has rapidly gained prominence in all parts of the globe.

Desitin Ointment is absolutely non-irritant; it acts as an antiphlogistic, allays pain and itching; it stimulates granulation, favors epithelialisation and smooth cicatrisation. Under a Desitin dressing, necrotic tissue is quickly cast off; the dressing does not adhere to the wound and may therefore be changed without causing pain and without interfering with granulations already formed; it is not liquefied by the heat of the body nor in any way decomposed by wound secretions, urine, exudation or excrements.

## DESITIN POWDER

**Indications:** Minor Burns, Exanthema, Dermatitis, Care of Infants, Care of the Feet, Massage and Sport purposes.

Desitin Powder is saturated with cod-liver oil and does not therefore deprive the skin of its natural fat as dusting powders commonly do. Desitin Powder contains Cod-Liver Oil, (with the maximum amounts of Vitamins and unsaturated fatty acids) Zinc Oxide and Talcum.

Professional literature and samples for Physicians' trial will be gladly sent upon request.



**Sole Manufacturer and Distributor in U. S. A.**

# DESITIN CHEMICAL COMPANY

**70 SHIP STREET**

**PROVIDENCE, RHODE ISLAND**



# Single-Premium Life Insurance Financed by a Bank Loan

By

Bion H. Francis

A number of physicians have written me recently to this effect:

"Please discuss the advisability of buying single-premium life insurance by means of a bank loan on the life insurance as collateral. Various financial institutions are soliciting this type of business, offering loans at  $2\frac{1}{2}$  to  $3\frac{1}{2}$  per cent, depending on the amount borrowed. What are the advantages and disadvantages of this method?"

A policy purchased in this way is paid for in full with a single, large premium. No further payments are required thereafter. If the doctor does not have the single, large premium required, the insurance may be bought with a

bank loan made on the policy as collateral.

Single-premium policies may be used to obtain results comparable to those from annual-premium policies. The price of a \$1,000 single-premium policy issued by one of the leading life insurance companies (the same company will be used for all illustrative figures in this article) is \$480.52 at age 35.

If such a policy is purchased with a face amount of \$1,925, the single premium will be 1.925 times \$480.52, or \$925.00. If this entire amount is borrowed, the net life insurance protection will be:

Face amount.....	\$1,925
Loan to pay premium..	925
Net protection .....	\$1,000

The protection in this case is the same as that provided by a \$1,000 annual-premium policy. The carrying charges are also similar.

For a \$1,000 ordinary life policy at age 35, the annual premium is \$26.88. For the comparable \$1,925 single-premium policy, the

---

The editors will be glad to forward to Mr. Francis for reply any general insurance questions which are of common interest to physicians and which lend themselves to publication. Please submit only one question per letter and give whatever facts may be necessary to an intelligent reply (e.g., age, income, number of dependents, type and amount of insurance, etc.).

---

**UNITED DRUG COMPANY  
AND  
YOUR REXALL DRUGGIST  
YOUR PARTNERS IN HEALTH SERVICE**



U. D. Products  
are available  
wherever you  
see this sign.

**U. D. PHYLLOFED CAPSULES  
afford your patients  
relief from bronchial asthma**

U. D. Phyllofed Capsules give you a convenient oral method for the symptomatic and prophylactic treatment of attacks of bronchial asthma.

Each capsule prepared by scientists in the Department of Research and Control in one of America's finest and most modern pharmaceutical laboratories contains:

Phenobarbital Soluble, U.S.P. . . . .	1/2 Grain
Ephedrine Sulfate, U.S.P. . . . .	1/2 Grain
Theophylline with Sodium Acetate, U.S.P. . . . .	3 Grains

For anticipating attacks of dyspnea of the bronchial asthmatic type, it is believed that this mixture is in many cases more effective than ephedrine and phenobarbital, given alone or combined with other purines. The presence of the theophylline sodium acetate seems to give the whole an enhanced effect.

U. D. Phyllofed Capsules may be employed alone or in cases of patients more severely ill, they may be used to supplement the effect of epinephrine in aqueous solutions or epinephrine in oil.

U. D. Phyllofed Capsules are available at all Rexall Drug Stores where trained pharmacists are ready to fill your prescriptions to the letter with U. D. or other standard pharmaceuticals. For safety and economy suggest that your patients have your prescriptions filled and buy their drug store supplies at their convenient neighborhood Rexall Store.

**UNITED DRUG COMPANY** • BOSTON • ST. LOUIS • CHICAGO • ATLANTA  
SAN FRANCISCO • LOS ANGELES • PORTLAND • PITTSBURGH • NOTTINGHAM • TORONTO  
*Pharmaceutical Chemists—Makers of tested-quality products for more than 39 years.*



# When BLOOD PRESSURE Skyrockets

## Check its EXPLOSIVE ACTION with VERATRITE

The explosive action or peaks of high blood pressure must be prevented—Veratrite is of aid in preventing it. This product offers a means of extended relief during the periods of exacerbation and remission in hypertensive cases.

The dosage must be adjusted to the response observed by the reduction of the systolic and diastolic pressures. Veratrite is under constant laboratory control—both chemically and biologically. Administration is orally.

Write for complete literature.

Supplied: Bottles of 100 tablets



*Irwin, Neisler & Co.*

PHARMACEUTICAL MANUFACTURERS Since 1886

DECATUR, ILLINOIS



## OSMOPAK

Osmopak is Vital to the War Effort in keeping disability and layoff periods of injured and infected cases to a minimum.

Osmopak—first in localizing infection—is recommended as a treatment preceding the external application of Sulfanilamide or Sulfathiazole, especially where there is edema and necrosis with no opening to the involved area.

Due to prolonged osmotic action and convenience, Osmopak is rapidly replacing the old "Epsom Salts" wet pack for the localization of inflammatory processes. Reduce infection and increase production with Osmopak. Available in 1½ lb. jars. Write for complete literature.



**IRWIN NEISLER & CO.**

*Pharmaceutical Manufacturers since 1886*  
 DECATUR, ILLINOIS, U.S.A.

Buy  
 War Bonds  
 & NOW

annu  
 1925  
 Inter  
 abo  
 pan  
 mal  
 ate r  
 1925  
 not  
 pren  
 F  
 sing  
 is re  
 incr  
 com  
 the  
 is c  
 per

Sim  
 Int  
 Div  
 Ne  
 Ca  
 Ne  
 An  
 Pr  
 D  
 Ne  
 Ca  
 N

lo  
 re  
 le

XUM

annual charge is the interest on \$925 (no amortization required). Interest rates have ranged from about 2½ per cent for the largest loans to about 3½ per cent for the smaller loans. At the intermediate rate of 3 per cent, interest on \$925 would be \$27.75 a year, or not much more than the annual premium of \$26.88.

For both annual-premium and single-premium policies, the cost is reduced by dividends and by increases in cash values. The comparative results depend on the period for which the policy is carried. The results for various periods are shown in Table 1.

It will be noted from this table that the net cost of the annual-premium insurance is much less than that of the single-premium insurance if the policies are carried for only a few years. If the policies are carried longer, their cost is about the same.

The advantages and disadvantages of single-premium life insurance purchased with a bank loan may be summarized thus:

#### ADVANTAGES

1. It makes good use of present low interest rates.
2. The problem of investing savings is simplified by the fact that these savings may be used

TABLE 1  
COMPARISON of the NET COST of SINGLE-PREMIUM  
and ANNUAL-PREMIUM LIFE INSURANCE

	In 2 yrs.	In 5 yrs.	In 10 yrs.	In 15 yrs.	In 20 yrs.
<i>Single-premium policy (\$1,925):</i>	(Cumulative figures)				
Interest @ 3%.....	\$55.50	\$138.75	\$277.50	\$416.25	\$555.00
Dividends .....	38.33	73.42	133.09	193.42	254.60
Net payments.....	\$17.17	\$65.33	\$144.41	\$222.83	\$300.40
Cash value*.....	-118.35	-59.87	46.34	143.80	249.10
Net cost.....	\$135.52	\$125.20	\$144.41	\$79.03	\$51.30
<i>Annual-premium policy (\$1,000):</i>	(Cumulative figures)				
Premiums .....	\$53.76	\$134.40	\$268.80	\$403.20	\$537.60
Dividends .....	14.08	36.50	76.61	118.56	161.27
Net payments.....	\$39.68	\$97.90	\$192.19	\$284.64	\$376.33
Cash value.....	10.13	58.16	146.01	233.28	327.58
Net cost.....	\$29.55	\$39.74	\$46.18	\$51.36	\$48.75

\*In computing the cash value of the single-premium insurance, the loan of \$925 was deducted from the actual cash value of the policy. This results in a negative figure in early years inasmuch as the cash value is less than the loan.



## A QUIET NIGHT

To carry the restless patient over the threshold between night and day without depressing after-effect, prescribe

### PENTABROMIDES

Brand of Combined Bromides

*The Palatable Bromide Prescription*

Each fluidram contains a total of 15 grs. of five balanced bromide salts.

Trade Mark "Pentabromides" Reg. U. S. Pat. Off.

**THE WM. S. MERRELL COMPANY**

Cincinnati, U. S. A.



No. 9905 Examining Table

## Watch Your Progress

Your patients watch your progress and judge your professional advancement by the up-to-dateness of your office equipment. That is why modern Hamilton Medical furniture is a good investment. Hamilton furniture will impress patients of your alert professional attitude. Write Department ME-7-41 for full information on Modern Medical Furniture.

**HAMILTON MFG. CO.**

TWO RIVERS, WISCONSIN

from time to time to reduce the bank loan.

3. The interest payable on the loan is deductible from income in computing income taxes (the premiums of annual-premium policies are not deductible).

### DISADVANTAGES

1. If interest rates rise, the interest on the loan will rise.

2. The purchase price of the single-premium policy is larger than the initial cash value of the policy. For this reason, the entire purchase price cannot be borrowed from a bank unless additional life insurance is put up as collateral (the procedure which agents usually suggest).

3. The single-premium policy with a large bank loan made on the policy as collateral should perhaps not be regarded as satisfactory "permanent" insurance. The loan can be called by the bank subject to the terms of the note and assignment, whereas an annual-premium policy cannot be "called" by the insurance company. (This is offset in part by the fact that some bank loans are made for periods of as long as five years. Also, if the policyholder is able to save a large amount each year, he can plan on rapid repayment of the loan.)

### DOCTORS ENTERING THE SERVICE

If you wish to receive MEDICAL ECONOMICS while on active duty, advise us immediately by post card when you change your address. We'll make every effort to see that the magazine reaches you each month.

# PHYSIOLOGIC ANTISEPSIS WITH ARGYROL



**NO CILIARY INJURY**

**DECONGESTION WITHOUT  
VASOCONSTRICTION**

**DETERGENT  
AND DEMULCENT**

**NO PULMONARY  
COMPLICATIONS**

**NO SYSTEMIC TOXICITY**

## Safe and Effective Mucous Membrane Therapy

The ability to kill microorganisms is but one of many factors which determine the clinical efficacy of a mucous membrane antiseptic.

It is because ARGYROL impedes bacterial life without injuring the tissues; because it aids and does not impede those natural defensive processes which the tissues employ to throw off infection, and because it is non-noxious to the organism as a whole, that ARGYROL is truly a "physiologic mucous membrane antiseptic."

ARGYROL effects a decongestion through circulatory stimulation and without resorting to powerful artificial vasoconstriction. Because of its unique physical properties

it is detergent, demulcent, and inflammation-dispelling. But it is non-injurious to the cilia—whose vital role in overcoming upper respiratory infections has been repeatedly pointed out. ARGYROL remains equally bland and non-irritating to the tissues in all concentrations from 1% to 50%, and it is free from the dangers of systemic toxicity and pulmonary complications.

ARGYROL has a superior clinical record to all other mild silver proteins and it is chemically and physically different—in colloidal dispersion, in Brownian movement, in pH and pAg and in chemical reactions. Insist on the Original ARGYROL Package.

**A. C. BARNES COMPANY, NEW BRUNSWICK, N. J.**

### ANTISEPTIC EFFICIENCY PLUS

1. SOOTHING AND INFLAMMATION-DISPELLING PROPERTIES
2. NO CILIARY INJURY—NO TISSUE IRRITATION
3. NO SYSTEMIC TOXICITY
4. NO PULMONARY COMPLICATIONS
5. DECONGESTION WITHOUT VASOCONSTRICTION

**SPECIFY THE ORIGINAL ARGYROL PACKAGE**



## Medical Recruiting Fracas

[Continued from page 34]

number of surgeons, radiologists, and whatnot.

"It's nothing like that today. We have no reservoir. Requisitions often cannot be filled until new officers are sworn in.

"Because we have to assign men to stations as soon as they report for active duty, there is not always time for them to receive the military orientation they need and could otherwise get at a medical field service school or replacement center. Nor can many yet be spared to attend refresher courses at civilian medical schools, as had been anticipated."

### DOCTORS DISCREDITED

In view of the slow recruiting tempo in recent months, medical heads agree that every legitimate means possible must be used to speed the enlistment of physicians. They have objected strenuously, however, to being threatened and to having their patriotism impugned. Several interviewed made particular reference to Mr. McNutt's A.M.A. convention statement that

"Slightly over 3,000 physicians who were not obligated by reserve commissions volunteered in the first six months of this war. By contrast, 12,000 volunteered

in the first six months of the last war."

Mr. McNutt's figures were presumably correct. But his failure to identify them clearly made the medical recruiting rate in the present war look worse than it actually is by contrast with the rate in the last war. For example:

Although the speaker did not say so, his figure of 3,000 volunteers between Dec. 7, 1941 and June 8, 1942 referred only to *army* doctors. He neglected to mention an estimated 3,500 doctors who volunteered during that period for service in the *navy*. The "slightly over 3,000 physicians" whom he admitted had volunteered amounted, actually, to 3,400. Add this to the estimated 3,500 new navy doctors, and the total number of physician volunteers in the six months following Pearl Harbor turns out to be almost 7,000 rather than 3,000.

The war manpower commissioner likewise made no mention of how many physicians joined the medical reserve corps of the army and navy between September 1938, when the present war began in Europe, and Dec. 7, 1941, when the United States entered it. Nor did he admit that the medical departments of the armed services had been accept-

## SUMMER BUGABOOS

SUNBURN—INSECT BITES—HEAT RASH

A wet compress  
of

**ALKALOL**

is mighty cooling  
and soothing.

Ask for a sample THE ALKALOL CO.

Taunton, Mass.

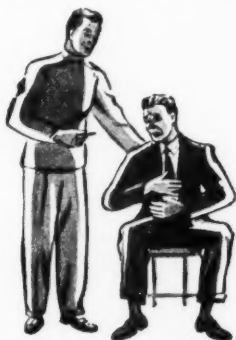


## THE MAN WHO COMES AFTER DINNER



All too frequently, the man with a tendency to gastric upsets is addicted to unwise eating habits. Reforming these individuals takes time and patience. In the meantime, palliative treatment can be provided by the prescription of a dependable gastric antacid such as Cal-Bis-Ma. It is surprising what a teaspoonful of Cal-Bis-Ma can do by way of prompt and prolonged relief from the distress of gastric hyperacidity.

May we send you a trial supply? Please write your request to the Department of Professional Service. Cal-Bis-Ma powder is supplied in tins of  $1\frac{3}{4}$ , 4 and 16 ounces; the tablets are obtainable in boxes of 30 and bottles of 110.



WILLIAM R. WARNER & Co., Inc. • 113 W. 18th St., N.Y.C.

# NICOTINE CONTENT

## Scientifically Reduced to LESS than 1%



TESTING SANO CIGARETTE SMOKE  
FOR ITS NICOTINE CONTENT

**SANO** cigarettes are a safe way and a sure way to reduce your patient's nicotine intake. Sano provide that substantial reduction in nicotine usually necessary to procure definite physiological improvement. With Sano there is no question about the amount of nicotine elimination. With Sano you encounter none of these variable factors involved in methods which merely attempt to extract nicotine from tobacco smoke. With Sano, the nicotine is actually removed from the tobacco itself. Sano guarantees always less than 1% nicotine content. Yet Sano are a delightful and satisfying smoke. Cigarettes · Cigars · Pipe Tobacco

**WARNING**  
Chemical analyses show that pinches of cotton used in cigarette mouth-pieces are entirely ineffective in removing any appreciable amount of nicotine from cigarette smoke.

FREE PROFESSIONAL SAMPLES  
For Physicians

**HEALTH CIGAR CO. INC.**  
156 WEST 14TH ST. — NEW YORK, N. Y.

PLEASE SEND ME PROFESSIONAL SAMPLES OF SANO  
DENICOTINIZED PRODUCTS. NICOTINE CONTENT LESS THAN 1%

NAME \_\_\_\_\_ M.D.

ADDRESS \_\_\_\_\_

ing recruits long before Dec. 7.

It could also be pointed out that Mr. McNutt designated his 3,000 World War II volunteers as men "who were not obligated by reserve commissions" but failed to qualify his 12,000 World War I volunteers in the same way. Which brings to mind the common statistical fallacy of drawing conclusions from a comparison of unlike entities.

### RESORTS TO BARTER

Several physicians interviewed found amusement in the fact that after the manpower chief had demanded more medical recruits—"or else," he promised that the profession need have "no fear of any marked change in medical practice after the war" and that "all-out collaboration" would "not involve any theoretical assaults upon, or support of, any theory of medical practice."

Commented one doctor after hearing this:

"Indiana's one-time Governor, it appears, has not forgotten the ancient art of horse-trading. Now his sales slogan is 'Join the army and avoid state medicine.'"

Other speakers before the A.M.A. house of delegates last month also urged a speed-up in medical recruiting; but their re-

### DOCTORS ENTERING THE SERVICE

If you wish to receive MEDICAL ECONOMICS while on active duty, advise us immediately by post card when you change your address. We'll make every effort to see that the magazine reaches you each month.

# "THE BIG

There are reasons why

## PHILLIPS' MILK OF MAGNESIA

has been one of the most widely used of standard medications—

- 1** It is a reliable antacid medication—three times as effective as a saturated solution of sodium bicarbonate.
- 2** It has a gentle, thorough laxative effect.
- 3** There are no carbonates liberated; hence no  $\text{CO}_2$  bloating; minimal acid rebound.
- 4** No harsh cathartics; no danger of bowel irritation.

### DOSAGE:

As an antacid: 2 to 4 teaspoonfuls

As a gentle laxative: 4 to 8 teaspoonfuls

*We will send you a sample on request.*

# PHILLIPS'

Milk of Magnesia



Prepared only by THE CHAS. H. PHILLIPS CHEMICAL CO. New York, N.Y.

marks were taken in better spirit than those of Mr. McNutt. Dr. Frank Lahey, retiring president of the association, observed that

"Medicine is in the way of getting a black eye unless it supplies these men needed. . . Where will we stand after the war if it can be said of medicine that it was given the greatest opportunity in history and fell down on the job?"

"The honor and good name of the profession are at stake in how well and intelligently American medicine cares for the armed forces and for the civilian population, industry, hospitals, and medical schools in the present and coming emergency."

#### P.H.S. CONTROL URGED

Several of medicine's more consistent critics last month took advantage of the lag in medical recruiting to declare that voluntary efforts were useless and that the only way to make doctors "toe the mark" would be to set up a compulsory system under close Federal supervision.

Ph.D. Michael Davis suggested a "Civilian Medical Corps" under the U.S. Public Health Service.

Dr. W. A. L. Styles plumped for a "National Medical Corps," also under the Public Health Service, "with qualified refugee physicians assigned either to the armed forces or legally entitled

to practice in any State. . ." [The New York Times, June 5.]

Left-wing Albert Deutsch, reporting for the still more left-wing New York newspaper P.M. [June 4], recommended that in the interests of the civilian population, an executive order be issued granting the Public Health Service broad new powers. Given these powers, said Mr. Deutsch, the PHS could then "take over, place qualified and willing doctors on its payroll, and assign them to critical areas."

### Duties of Officers

[Continued from page 42]

the Medical Administrative Corps will relieve the surgeon and physician to a far greater degree than was the case in 1917-18.

An army doctor today may serve with the air force, in the cavalry, with a motorized division, in a general hospital—perhaps even with ski troops. But before he is assigned to any duty, the medical officer may or may not receive the short but rigorous course of practical instruction given at the Medical Field Service School. Chances are he won't, since present training facilities are simply not equal to the enormous military expansion program.

# COOPER CREME

No Finer Name in Contraceptives

WHITTAKER LABORATORIES, INC.

NEW YORK, N. Y.

## THE ENLARGING CLINICAL FIELD OF

# "Smoothage"

AS PROVIDED in Metamucil, "Smoothage," along with other appropriate measures, has many important indications in addition to its well-known corrective value in constipation. Among these leading uses for Metamucil are the following:

**Chronic Constipation**—The "Smoothage" treatment is physiologically corrective rather than stimulative.

**Colitis**—Metamucil is soothing to the irritated bowel and tends to re-establish normal peristalsis.

**Hemorrhoids**—The use of Metamucil avoids straining and offers local protection.

**Peptic Ulcer**—Small doses at proper intervals adsorb acid and tend to protect the ulcer surface.

**Pregnancy**—For constipation in pregnancy, Metamucil is ideally suited.

**Special Diets**—In low-residue diets, as in the treatment of obesity, Metamucil provides bulk without irritation.



### Metamucil

(GREEN LABEL)

mixes quickly and easily, and is pleasant to take.

Supplied in 1 lb., 8 oz. and 4 oz. containers.



**G.D. SEARLE & CO.**

Ethical Pharmaceuticals Since 1888

CHICAGO

New York

Kansas City

San Francisco

# SEARLE

## Military Questions

[Continued from page 48]

regulations, you will not be *drafted*. You can do your bit, however, by *volunteering* for either of the two kinds of work you mention.

*"What chance has a common-or-garden general practitioner of getting into the Army Medical Corps at the age of 48?"*

Hard-pressed as it is for medical officers, the army advises men over 45 who have no specialties not to apply for commissions if they can be of use in their home communities. Applicants who have reached their 46th birthdays will be considered for appointment only if they possess the special qualifications required for assignment in the grade of major or above.

The army does not consider it fitting for a physician over 45 to be anything less than a major; yet this grade demands the ability and experience to serve, for example, as an executive officer or chief of service in a large military hospital.

Said a medical corps personnel officer on this score last month:

"Unless a doctor of those years is highly trained in some specialty of wartime value, he can do more good by staying at home.

We don't want a situation to arise where we can't get young physicians because they are needed in civilian life to replace older men in the military."

*"Why is it that a doctor who served for eighteen months in World War I, who has had ten years in the National Guard, and who is now 55 years old cannot be placed on active duty?"*

See answers to preceding questions; also note the following comment by Col. Fred W. Rankin, president of the A.M.A.:

"This is a war of young men. The tempo of action has been speeded up to a point where only those with the stamina of vigorous youth can practice it. Older physicians, many of whom served in the last war, have in large numbers signified their desire to offer their services again; but obviously they can be utilized in many other positions more advantageously than with the armed forces. Is it not, then, an admirable duty of the older men to encourage physicians of the proper age to enter military service? The places of these younger men, both in civil practice and in the teaching institutions, must be taken by members of the medical profession who are physically disqualified for service or who

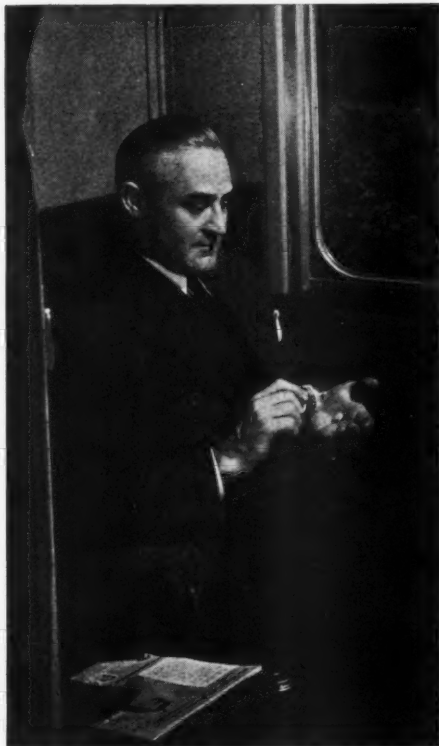
**CONSERVE  
GLOVES**

Don't waste rubber, it's precious. You **MUST** make gloves last longer. How to get 40% more usefulness from surgeons gloves explained in 12 tested suggestions. Free — Send your name on postcard.

**THE MASSILLON RUBBER CO.**  
MASSILLON, OHIO



AT ALL TIMES, IN ALL PLACES . . .



*Your Patient Can  
Maintain His "Be-  
tween-Meals" Sched-  
ule*

High-tension war conditions and the strain of working under continued pressure seem to be causing flare-ups in peptic ulcer symptoms, spastic bowel and other conditions in which frequent feedings of bland, easily digested nourishment form an integral part of treatment.

The ambulant case, and particularly the patient who has to travel, will welcome the convenience of taking his "between-meals" milk ration in the form of

**Horlick's Malted  
Milk Tablets**

**NOURISHING AND  
DIGESTIBLE—**

Each pleasant-tasting tablet yields 6 calories of balanced, concentrated food essentials. A few dissolved in the mouth or chewed slowly help allay hunger and ward off ulcer pain.

**RICH IN PROTECTIVE  
FACTORS—**

The tablets are supplied plain, chocolate flavored and fortified with Vitamins A, B<sub>1</sub>, D, G.

And so at all times when the diagnosis suggests the need for bland, quickly digested nourishment at frequent intervals, remember Horlick's Malted Milk Tablets as well as

**HORLICK'S**

**The Complete Malted Milk—Not  
Just a Malt Flavoring for Milk**

**HORLICK'S**

are beyond the age limit for active duty."

#### RANK BY AGE

*"Why, when determining a doctor's rank in the medical corps, is his age considered, rather than his number of years in practice?"*

To this, the army has no completely satisfactory answer. Behind the policy is a sentiment, so to speak, that certain ages befit certain ranks; that a man in his forties looks out of character wearing the silver bar of a first lieutenant; and that, conversely, an officer in his late twenties or early thirties does not seem grown up to the oak leaf cluster of a major.

That inequities occur cannot be denied. For example, some physicians under 37 have been in practice longer than others over 37; yet in most cases they will probably be given lower ranks. On the other hand, the age rules are not inflexible. A young doctor who is particularly well qualified may receive a grade above that which would be his if he were not so qualified.

#### PHYSICAL STATUS

*"I know of two cases in which a local selective service board drafted a physician as a private when he had already been reject-*

*ed for a commission because of a physical defect. The doctors referred to were single men, but there appears to be no reason why the same treatment might not be accorded married doctors with dependents. When this sort of thing happens, the country loses the professional services of a skilled man who is badly needed in view of the current M.D. shortage."*

The rule now is that if a doctor flunks his physical examination for a commission and later passes the physical examination for induction as a private, the Surgeon General will waive the physical defect and grant him a commission. He will not be expected to serve as an enlisted man.

*"I have an artificial eye. Should I seek a commission in the army?"*

Yes. Many static physical defects are waived for limited service.

#### LIMITED SERVICE

*"What does limited service mean?"*

It means that a medical officer is stationed only at a place where he can perform all expected duties without exceeding his physical capabilities. Such service enables him to be on full-time duty at fixed installations, thereby re-



### This MULTI-SERVICE PUMP FITS INTO YOUR BAG!

● A compact pressure-suction unit weighing only 2½ lbs. Easy to operate and control, for spraying, nebulizing and aspirating. Designed for intermittent use. Supplied with necessary rubber tubing, cut-off control and canvas zipper carrying case. Operates on 110 volts, A.C. or D.C. Details on request.

GOMCO SURGICAL MANUFACTURING CORP.  
73 Elliott St. Buffalo, New York



1 As a Prophylaxis Against...

2 As a Treatment for...

# EXCESSIVE BLEEDING

in

**TONSILLECTOMIES**

**MENORRHAGIA**

**METRRORRHAGIA**

**EPISTAXIS**

**BLEEDING ULCERS**

**MENOPAUSAL BLEEDING**

**HEMATEMESIS**

**HEMOPTYSIS**

**POSTOPERATIVE CAPILLARY  
BLEEDING**



# CEANOTHYN

—extract of *Ceanothus americanus* containing the alkaloids in uniform solution (alcohol 10%)—induces lowered clotting time promptly, is non-toxic, has no contraindications.

Being orally administered, Ceanothyn may be used routinely both as a prophylaxis and treatment for excessive bleeding. May be administered in large doses and at frequent intervals. Average dose: 4 drams, repeated in 20 minutes if necessary.

Write for your copy of the informative booklet "Treatment of Hemorrhage".

**FLINT, EATON & COMPANY**

DECATUR,

ILLINOIS

# FOR POLLEN ALLERGY...

**S**YMPOMATIC RELIEF from the distress of acute congestion of the nasal mucoperiosteum is (literally) your hay fever patients' "crying" need. For local ephedrine treatment—in a most soothing form—use 'Pineoleum' with Ephedrine. In addition to astringency, it provides local sedation, tissue stimulation, and mild antiseptics... its ephedrine content (.50%) being judiciously formulated together with balanced proportions of camphor (.50%), menthol (.50%), eucalyptus (.56%), pine needle oil (1.00%), and oil of cassia (.07%), in a base of doubly refined liquid petrolatum.

Send for a trial supply

THE PINEOLEUM CO., 6 BRIDGE ST., NEW YORK

## PINEOLEUM

REG. U. S. PAT. OFF.

WITH  
EPHEDRINE



leasing other officers for duty with tactical groups. Limited service is not necessarily restricted to continental United States.

### RANK

*"Col. Paul G. Armstrong, selective service director in Illinois, predicted last month that doctors entering the service now would receive higher ranks than those entering later. Is this true?"*

There are more vacancies now in the higher grades (captain, major, and lieutenant colonel) than there will be later on when the medical corps attains greater numerical strength. What's more the army indicates that it won't be inclined to give anything better than a first lieutenantancy to the doctor who waits for the draft to pull him in. Therefore, Col. Armstrong's prediction is probably accurate.

*"I am joining up now at the age of 36 as a lieutenant. Will I get a captain's rating in January when I become 37?"*

See article on promotions, in this issue.

### TIME EXTENSIONS

*"I should like to obtain a commission but it would take me some little time to wind up my affairs. What should I do?"*

Fourteen days is the usual period allowed, but one or two 30-

### CLASSIFIED

**PRACTICE FOR SALE:** Exceptional opportunity to take over established general practice with home and office. Choice location and fine community, Nassau County, North Shore, Long Island. Liberal terms, sale or rent. Address "Doctor" 671 Middle Neck Road, Great Neck, New York.

duty  
limited  
strict-  
ates.  
g, se-  
linois,  
ctors  
would  
those

s now  
ptain  
lonel  
when  
reater  
more  
won  
g bet  
cy to  
r the  
efore.  
on is  
e age  
get a  
when

ns, in  
com-  
me  
my

l pe-  
o 30-

al op-  
genera  
ice lo  
Coun-  
ibera  
r" 67  
York

# Hay Fever Relief in 10 minutes

with a simple 6 gr. tablet of  
NaCL, NH<sub>4</sub>CL, KCL—nothing else.

OF course, you don't believe it and  
neither did we until we were con-  
fronted with repeated clinical proof and  
then for two years—repeated, increasing  
sales to doctors.

CHECK this tablet for yourself, as we  
have done and let results convince  
you.

*"Trial is proof"*

**SEND FOR SAMPLE**

ME 7-42

HOLLINGS-SMITH CO.  
Orangeburg, N. Y.

Sample Nakamo Bell, please.

Dr. ....

Address .....

day extensions may be granted upon application. If that still would not give you enough time to prepare, either withhold your application until you begin to get into the clear, or request that your name be placed in the "suspense file."

The need for army doctors being urgent, immediate availability is highly desired. An acceptable candidate who does not require even the usual 14-day period is urged to sign a waiver so that he may be placed on active duty at once.

#### NON-CITIZENS

*"I was born in Poland, am not a citizen of the United States, but have a license to practice medicine in Illinois. Can I qualify for a commission?"*

Army regulations recognize three kinds of aliens: those from (1) co-belligerent countries; from (2) neutral countries; and from (3) either enemy or enemy-allied countries. The citizenship requirement is waived for physicians from co-belligerent countries. Those from neutral alien countries can enter the army as enlisted men, and after ninety days apply for citizenship and commissions. Doctors from enemy or from enemy-allied countries are ineligible for commis-

sions. At present writing, the army has not listed the nations which are under the latter classification, though Finland and Thailand are known to be included. Under no circumstances, of course, can an alien get a commission if he does not have a license to practice, or equivalent qualifications.

#### CIVIL SERVICE

*"If I secure an appointment in the U.S. Indian Service will I be called upon to serve in the army or navy?"*

No. But if you are now eligible for a commission in the armed forces, the Indian Service probably will not entertain your application.

#### OBSTETRICIANS, ETC.

*"Where is a young obstetrician-gynecologist of more use: in the army looking down male throats or at home delivering war babies and treating female illnesses, for which he has been trained?"*

In the army. The obstetrician, the gynecologist, and the pediatrician are, first of all, M.D.'s; and M.D.'s are what the army needs.

#### SOLDIERS' RELIEF

*"The Soldiers' and Sailors' Civil Relief Act of 1940 suspends the enforcement of civil liabilities (e.g., taxes, interest, insurance premiums) within certain limits*

**PRESCRIBE**

**SEND  
FOR  
FREE  
FORMULARY**

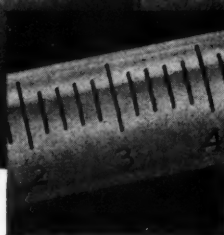


Hay Fever and Asthma symptoms do arise from irritants in cosmetics. A change to AR-EX UNSCENTED Cosmetics may bring quick relief. As a precaution prescribe AR-EX Cosmetics.

**AR-EX COSMETICS, INC.**  
6 NORTH MICHIGAN AVENUE, CHICAGO

**AR-EX UNSCENTED COSMETICS**

**You can dig it out—  
but you can't boil it out!**



**W**ITH a piece of metal you can dig the pigment out of the graduations on a B-D Syringe, but you can't boil it out.

**B-D PRODUCTS**  
*Made for the Profession*

After many hours of sterilization, the graduations are clear and undimmed because the pigment has been baked into the glass. This means that a B-D Syringe, old in point of service, will function just as satisfactorily, handle just as conveniently and read just as accurately as a new syringe.

Economy, in the end, is invariably the result of quality in the beginning.

### **B-D Syringes**

**YALE**  
OF SPECIAL  
RESISTANCE GLASS

**MEDICAL CENTER**  
OF  
'PYREX'

**LUER-LOK**  
EXTRA STRONG TIP  
LOCKS WITH B-D NEEDLES

**BECTON, DICKINSON & Co., RUTHERFORD, N. J.**

# ESTIVIN

## *Prompt Relief*

### OF HAY FEVER SYMPTOMS

The use of Estivin permits the hay fever patient to pursue his normal social and business activities during the hay fever season.

Estivin quickly soothes pollen-sensitive membranes of the eyes and nose and promptly relieves that itching, stinging sensation, lacrimation, uncontrollable sneezing and associated symptoms.

One drop in each eye 2 or 3 times daily is generally sufficient to keep the average patient comfortable during the entire hay fever season. In the more severe cases, additional applications whenever the symptoms recur will assure relief throughout the day.

*Literature and sample on request*



**Schieffelin & Co.**

20 Cooper Square

New York, N. Y.

Pharmaceutical and Research Laboratories

while a man is in military service and for a short time thereafter. Since these debts will often accumulate and since it may be impossible for the man to pay up the accumulations within the period of grace allowed, will he lose his home, his insurance, etc.?"

This rests in the lap of Congress. There are at present no guarantees against such losses beyond those specified in the relief act. Whether supplemental legislation will be enacted to provide further guarantees or a bonus is anybody's guess.

### States Supply Quotas

*[Continued from page 36]*

maining population of the country will total about 120,000,000. Simple arithmetic shows that if the ratio of one G.P. per 1,500 people is followed, the care of civilians will require about 80,000 general practitioners.

Dislocation of civilian medical practice, caused by the recruiting program, has been slight contrasted with what it will be if the number of physicians in service is tripled—as now seems possible. Yet even at this early stage, while some communities have one doctor for every 300 people, others have only one for every 3,000 and still others have no doctors at all. It is exceedingly probable, therefore, that in order to distribute medical care with reasonable uniformity among the civilian population, a number of physicians who enrolled with the Procure-

# THE TREATMENT OF SUMMER FUNGUS INFECTION

Logically



# KORIUM

KORIUM IS THE LOGICAL TREATMENT for trichophyton fungus infections because it is compounded specifically for therapeutic action IN the skin. The special water soluble base of this effective fungicide carries the active ingredients into the epidermal layers to contact the fungi and destroy them.

FUNGICIDAL TESTS PROVE that Korium destroys trichophyton gypseum in 10 minutes. Clinical observations prove its efficacy in the treatment of *trichophytosis pedis et corporis* and also of other fungus infections of the body, face, ears, groin, hands and feet.

QUICK AND PROLONGED RELIEF of pruritus after each application of Korium assures the requisite repeated use necessary for best therapeutic results. Thus eradication of the lesions is hastened and recurrences avoided in most cases.

SUMMER FUNGUS INFECTIONS are especially embarrassing. Old-fashioned mossy ointments accentuate unsightly lesions on exposed surfaces, and viscous salves cause light garments to adhere to the skin.

KORIUM IS GREASELESS AND STAINLESS. When applied with gentle massage all trace disappears in less than a minute. This vanishing cream elegance is greatly appreciated by fastidious patients who wish to continue summer activities with convenience and comfort.

**FORMULA:** 3% benzoic acid, 5% salicylic acid, 3% benzocaine, 0.25% menthol crystals and 0.5% methyl parahydroxybenzoate in a special non-fatty vanishing type base.

**SUPPLIED:** Through regular prescription channels in tubes containing 1 oz. net weight. Professional literature available to physicians on request.

SARNAY PRODUCTS, Inc., New York



FOR FUNGUS INFECTIONS

ment and Assignment Service and who gave civilian practice in another community as their first choice will have to be called upon to make good their pledge.

Still another group of quotas is being set up to indicate the minimum number of doctors needed on the home front. Besides applying to geographical units such as States, they will also cover medical schools, hospitals, and industry. Though entirely flexible, they are expected to provide at least a rough yardstick for determining how many medical men a company or institution must have for the maintenance of reasonably adequate service.

Study of the recruiting rates reported by different States reveals some startling differences. For example:

As this is written, a handful of States in the Middle West have not only attained the quotas set for them on May 1 but have exceeded them. Meanwhile, another handful of States in the Northeast have yet to contribute some 11,000 doctors. Use of the

quota system and changes in the recruiting program (discussed elsewhere in this issue) are expected to help level off these inequities.

## The Drug Industry

[Continued from page 53]

ican companies, with explicit Government encouragement, are taking over lucrative South American markets left by the Germans. Large quantities of drugs are being lease-lent to the United Nations and to friendly neutrals as well.

Manufacturing facilities in the drug trade for most essential products, even today, are far beyond the needs of soldiers, sailors, and civilians. In the few cases where they are not, expansion is under way to meet all anticipated wartime demands.

Sulfa drugs are one instance where normal expansion is being hurried up by the emergency. There seems little question that the application of sulfa powders on open wounds saved scores of

### DOCTORS ENTERING THE SERVICE

If you wish to receive MEDICAL ECONOMICS while on active duty, advise us immediately by post card when you change your address. We'll make every effort to see that the magazine reaches you each month.

FORMERLY  
GARDNER'S  
SYRUP OF  
HYDRIODIC  
ACID

# HYODIN

-FOR PALATABLE, INTERNAL  
IODINE MEDICATION

Dosage: 1-3 tsp. in 1/2 glass water, 1-2 hr.  
before meals. Available 4 & 8 oz. bottles.  
FIRM OF R. W. GARDNER, ORANGE, N. J. EST. 1878



the  
sed  
ex-  
in-

icit  
are  
er-  
ns.  
be-  
Na-  
as

the  
ial  
be-  
ail-  
ew  
an-  
an-

ice  
ng  
cy.  
nat  
ers  
of

AL

878

1-1



"It's no longer  
a question of  
obtaining new  
patients"

*But*

How can you best serve them?"

**R**EGARDLESS of the fact that we will have a 6,000,000 army within the next two years, America's armed forces aren't going to take all the physicians in the United States. There'll still be 100,000 left to take care of civilian needs.

And with consumer income running 15 billion dollars in excess of available merchandise, some of that money will be diverted into medical attention . . . with a resultant increase in your income.

Consequently, your main worry today is: "How can I treat them all without working ruinously long hours?"

One of the answers lies in increased efficiency in your own office . . . and increased efficiency means new and modern equipment.

How Ritter can aid you in increasing your efficiency both from the standpoint of new office arrangements and new equipment is told in two fact-filled Ritter brochures—brochures that should be in the hands of every physician.

Write for them today . . . there is no obligation . . . or ask your Ritter dealer how Ritter aids you to lessen the burden of tiresome days.

Left—Motor  
Chair.

**Ritter**

BUILT UP TO A STANDARD



NOT DOWN TO A PRICE

lives at Pearl Harbor. That test of the remarkable powers of this new drug greatly increased the demand both here and abroad for supplies of sulfa products. Now produced at the rate of around 1,000,000 pounds annually, according to the estimates of one War Department official, the output will soon be stepped up three-fold.

Production capacity for atabrine, used instead of quinine in malaria treatment, is being increased by 8,000 per cent. Already the company presently producing atabrine has built up a stockpile of 45,000,000 tablets—sufficient to treat some 3,000,000 cases. At least one new plant to produce this drug will be set up

in the interior and further substantial increases in output are planned.

Additional facilities also became necessary for the desiccation of blood plasma for use by the fighting forces. In the field of surgical dressings it was found desirable to increase the capacity of plants making cotton bleaching and grey goods. Cotton mills were converted to meet the gauze and bandage requirements.

#### CHEMICALS AVAILABLE

Fortunately, war with Germany has not produced the famine of chemicals which occurred in World War I. Today every corner drug store is fairly well stocked with the coal-tar medicinal which were not produced in

## Prevent Infection

Outdoor activities at this season cause many minor injuries for which physicians require an antiseptic.

**MERCUROCHROME** satisfies your antiseptic requirements. Tablets or powder provide convenient means of preparing stock solutions. Solutions do not deteriorate, providing for economy in use.

Mercurochrome, 2% aqueous solution, is antiseptic, non-irritating and non-toxic in wounds. It has a background of 22 years of clinical use.

### Mercurochrome

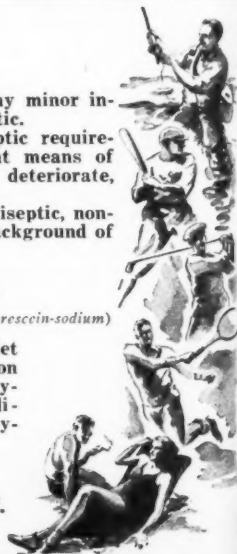
(H. W. & D. Brand of dibrom-oxymercuri-fluorescein-sodium)



A comprehensive medical booklet supplying complete information about Mercurochrome (dibrom-oxymercuri-fluorescein-sodium) will be sent to physicians on request.



**HYNSON, WESTCOTT & DUNNING, INC.**  
Baltimore, Maryland



sub-  
t are  
  
o be-  
sicca-  
se by  
eld of  
ound  
pacity  
each-  
mills  
gauze  
  
erma-  
amin-  
ed in  
y con-  
well  
edici-  
ced in



Help keep him  
on the job—  
less troubled by  
**ATHLETE'S FOOT**  
irritation.

burden of the patient with Athlete's Foot is not an easy one to  
bear. His mind is apt to be as much on his discomfort as on his  
daily work.

WHEN THIS MAN COMES TO YOU FOR TREATMENT, REMEMBER

# MAZON

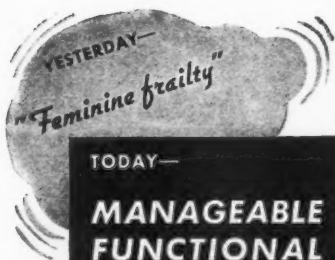
Perhaps you already know from clinical reports how Mazon inhibits growth of  
Athlete's Foot fungus—how the simple treatment with Mazon helps to clear up  
the affected area.

Mazon is anti-pruritic, anti-septic, anti-parasitic. It is easy to apply and requires no  
bandaging.

Mazon is also indicated for the relief of externally caused Eczema, Psoriasis,  
Scabies, Ringworm, Dandruff and other skin disorders.

*If you have never experienced Mazon's usefulness  
in your own practice—now is the time to test it.*

**ELMONT LABORATORIES CO., PHILADELPHIA, PA.**



TODAY—

## MANAGEABLE FUNCTIONAL ABERRATION

**G**ONE is the complacency with which (too frequently) menstrual irregularities used to be dismissed as mere evidences of "feminine frailty." Today, functional expression which passes the borderline of physiologic limits is recognized as often amenable to effective symptomatic therapy.

For such purpose, Ergoapiol (Smith) constitutes a highly efficient emmenagogue. Its unique inclusion of all the alkaloids of ergot (prepared by hydro-alcoholic extraction) assures a balanced action—synergized by the presence of apiol (M. H. S. Special), oil of savin, and aloin. By helping to induce pelvic hyperemia, and stimulating smooth, rhythmic uterine contractions, Ergoapiol often provides welcome relief.

It also constitutes a desirable hemostatic agent to aid in the control of excessive bleeding. And as an oxytocic, it is frequently of benefit in facilitating involution of the postpartum uterus.

For a full discussion, send for copy of the booklet "The Symptomatic Treatment of Menstrual Irregularities."

**Indications:** Amenorrhea, dysmenorrhea, menorrhagia, metrorrhagia, in obstetrics. **Dosage:** 1 to 2 capsules 3 to 4 times daily. **Supplied:** in ethical packages of 20 capsules.

**MARTIN H. SMITH CO.**  
150 LAFAYETTE STREET, NEW YORK

# ERGOAPIOL

**THE PREFERRED UTERINE TONIC**

this country prior to 1916. Acute civilian shortages have developed in many chemicals, but war production officials say there will be no scarcity of chemicals for essential uses of the drug industry.

Government stockpiles have been accumulated in some vital drugs not obtained here. Five years ago the drug industry began buying up opium reserves and put them under Government lock and key, to be released as needed. This stockpile is said to represent a five year's supply and some opium still is being imported from Turkey.

At last reports the Government had a three year's normal supply of quinine. Approximately 25 per cent of all shipments which the United States attempted to bring in after Pearl Harbor were lost at sea, as were 80,510 pounds of ergot. Large scale efforts are under way to revive the production of quinine from South American cinchona bark and, of course, the supply of atabrine is increasing rapidly. Government stockpiles in varying amounts have been built up in ergot, aconite root, belladonna, and henbane. Ergot continues to trickle in from Spain and Portugal.

### BOTANICALS

Botanical drug supplies have been one of the major headaches of the drug trade, for the United States produces commercially only about 300 of the 930 crude vegetable drugs used in the manufacture of pharmaceuticals. The chemists and researchers have

*Respiratory Stimulant*

# LOBELIN- BISCHOFF



Acts as a direct stimulant  
to the respiratory center  
in cases of  
NEONATAL ASPHYXIA

**ERNST BISCHOFF COMPANY, Inc.**  
**IVORYTON · CONNECTICUT**

had to tackle the big job of finding new sources of these materials.

An expedition under Government sponsorship is going to South America to develop increased supplies of ipecac. Stramonium is coming for the first time from countries below the Rio Grande. Farmers in Pennsylvania, Kentucky, and Minnesota are growing belladonna in what is termed the most extensive drug cultivation project ever attempted in America. Henbane is now grown here and digitalis, too, is said to be in "adequate" commercial production.

Just as the last war resulted in the creation of a self-contained American synthetic chemical industry, so this war may result in building up new vegetable drug industries here and in South America. It will depend largely on postwar competition, tariff barriers, and labor costs. Botanicals are perhaps the cheapest products in the drug field. The most economical sources of supply are those where the vegetation grows wild and labor costs

are exceedingly low. Meanwhile, as most physicians well know, the price of imported botanicals has skyrocketed.

Botanical drug officials point out that about one-third of their imported items do not run into much volume—twenty-five pounds to a ton often representing a year's supply. But there are important items that would be irreplaceable if present sources are eliminated entirely, such as certain gums from Persia, India, and the Sudan.

#### MATERIAL SHORTAGES

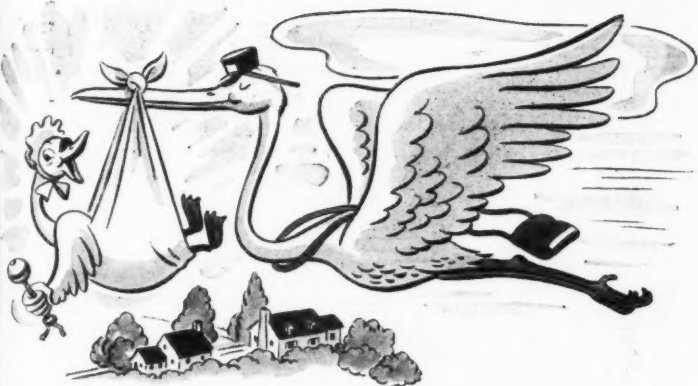
As the war goes on, the materials supply pinch is bound to grow tighter in the drug and related industries. The War Production Board has limited vitamin A to 5,000 units per dose while encouraging the collection of low-bearing fish oils. Lease-lend shipments of this vitamin are large since Britain's normal supply sources in Norway are shut off. Applications of agar have been limited largely to cultural purposes despite attempts to triple the usual West Coast output of this material. Alcohol quotas have

### QUICK REVIEW OF SCALP HISTOLOGY, PHYSIOLOGY and PATHOLOGY

This useful textbook calls your attention to the relation of hair and scalp conditions to general diseases... diagnosis and treatment of scalp and hair conditions... use and application of the Parker Herbex method. If you do not have a copy, you can receive one free and postpaid by writing to PARKER HERBEX CORP., 607 Fifth Avenue, New York, N.Y. (Dept. ME)

Cloth-bound book. 117 pages. Published for the sole use of the Medical Profession. Sent free by request only.





## The world's most eugenic bird!

NO BIRD ever had the prenatal care Swan had—we mean Swan Floating Soap, of course.

*And as a result, no purer soap is made!*

We consulted many specialists and general practitioners before Swan was born.



They told us our new soap should contain no harmful alkalis—and it doesn't. They said it should have no free fatty acids, no coloring matter, no strong perfumes—and it hasn't. They said it should be mild—and by actual bathing tests made on hundreds of babies, Swan has been proved milder than even the finest imported castiles!



We've told you about this wonderful, new floating soap—the first really new one since the Gay Nineties—for two reasons.

*First*, because it meets the medical profession's standards for purity, Swan is a soap you'll want to recommend to your patients for babies and every washing need.

*Second*, because Swan is a truly swell soap that you'll enjoy using yourself. It gives quicker, richer lather—it's firmer, fresher-smelling, smoother than old-fashioned floaters. We think you'll want to



use Swan at your office, for face and hands and in your shower.

Try Swan today. See if you don't think it's the best all-round soap you ever used.

## SWAN PURE, WHITE FLOATING SOAP

MADE BY LEVER BROS. CO., CAMBRIDGE, MASS.

A New  
Treatment for  
Impetigo and Other  
Superficial Skin  
Infections of  
Coccal Origin

# THIAZINC

SULFATHIAZOLE  
CALAMINE  
CREAM  
(HART)

A greaseless cream which dries rapidly and forms an adherent, slightly astringent film that keeps the Sulfathiazole in contact with the lesions. In the treatment of moist lesions, THIAZINC will absorb vesicular exudate and permit its evaporation, thus avoiding tissue maceration.

We also make THIAZOINT, 10% Sulfathiazole Ointment (Hart), for use as a supplement to usual surgical procedures in: acutely infected superficial wounds; boils and carbuncles; and varicose, diabetic and decubitus ulcers.

Available At Your Pharmacist

Send for Literature and Sample

Hart Drug Corporation  
Miami, Florida

Please send me literature about your new preparation, THIAZINC, and a sample.

☐ Also send me a sample of THIAZOINT. M.D.

Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_

been given the cosmetics trade. The list of rationed materials will increase rapidly this Summer.

The longer the war continues the more certain it is that the Government will restrict the industry's operations to those termed essential to public health and morale. Merck & Company announced recently that further progress of the war makes it almost certain "that all our production will be confined to products for essential uses."

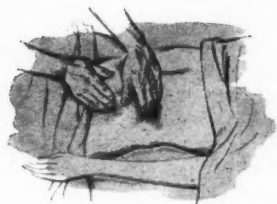
Abbott Laboratories officials are urging retailers to promote sales in the prescription and sick room departments to replace the volume lost in luxury items. The WPB has given assurances that priorities will be given to make sure that needed medicines are available to the medical profession. It follows that companies primarily concerned with production of essential drugs will fare best.

Not only will the industry's operations be restricted in their regular lines but a large portion of their plant facilities and skilled labor undoubtedly will be converted to war work. Already a large number of drug and cosmetic makers are engaged in direct war work, the nature of

## DOCTORS ENTERING THE SERVICE

If you wish to receive MEDICAL ECONOMICS while on active duty, advise us immediately by post card when you change your address. We'll make every effort to see that the magazine reaches you each month.





## In Spastic Colitis

This Bulk-producing Hydrophilic Colloid Supplies  
Bland Lubrication without Impairing Vitamin Absorption

# Mucilose



*A highly purified hemi-cellulose available in 4 oz., and 16 oz. bottles as Mucilose Flakes and Mucilose Granules; and in 4 oz. bottles as Mucilose Granules with Kasagra.*

Frederick **Stearns** & Company



Since 1855... ESSENTIALS OF THE PHYSICIAN'S ARMAMENTARIUM

NEW YORK

KANSAS CITY

DETROIT, MICH.

SAN FRANCISCO

WINDSOR, ONTARIO

SYDNEY, AUSTRALIA

AUCKLAND, NEW ZEALAND

which cannot be disclosed. Such plant conversion in the last half of 1942 and early in 1943 may have a temporary adverse effect on sales and earnings, just as it has in the motor industry and other earlier-converted groups.

#### ALLIED TRADES

The wartime outlook in the allied trades of cosmetics, perfumes, and toilet goods is none too promising, since the proportion of luxury goods naturally runs much higher than in the drug trade. The Government's interpretation of essential or morale-building products is ever-changing. It is quite possible that some of the creams, powders, and rouges that are classed as morale building today may be banned tomorrow as constituting a drain on materials or labor essential to war production. Perhaps seeing the handwriting on the wall, one maker of manicure articles is operating full blast on war materials.

Some companies in these lines found their low-cost raw materials depleted just at the time prices were frozen. The dislocations caused by restrictions on the use of tin and rubber for containers are much more severe in these lines than in the case of drugs. The trade may turn to pa-

per containers—only to find that paper too is becoming scarce.

Shaving soaps may revert to the stick variety; and tooth pastes may become powders. One industry official points out that swapping an old tube for a new tube may be only a start. It may become necessary to put a film of paper across a jar in lieu of a cap with the user putting on his own cap or having none at all.

#### SALES TRENDS

Prices of essential oils and aromatics are 50 to 60 per cent higher than a year ago. Profit margins will be lower and taxes higher. And sales in the allied trade probably will not show significant gains over last year.

Drug company sales showed an average gain of around 27 per cent last year, a much larger increase than the 7 per cent jump reported in 1940. However, this big gain in volume did not carry through into earnings as fully as stockholders might expect. Net profits, in fact, were only 8 per cent higher.

Excerpts from the annual reports of a cross-section of the industry explains why. Bristol-Myers Company, for instance, reported that taxes had increased 90 per cent over 1940; McKesson & Robbins Company pointed out

**...precision-built for unparalleled LIFETIME ACCURACY**

**Lifetime**  
**Baumanometer**  
STANDARD FOR BLOODPRESSURE

Every Baumanometer is a true mercury-gravity instrument . . . guaranteed to be scientifically accurate and to remain so.

#### Get the FACTS

and you will buy a Lifetime Baumanometer  
W. A. BAUM CO. Inc. • • NEW YORK

## ORDINARY FOODS DEFICIENT IN VITAMIN B

# BEZON

TRADE MARK

WHOLE NATURAL VITAMIN B COMPLEX

THE highly refined foods on the American food shelf do not supply the Vitamin B Complex requirements of the average individual. Even with carefully planned diets, it is difficult to obtain an adequate amount of all of the essential components of the Vitamin B Complex.



These B vitamins, even if present in the originally well-grown vegetable or animal products, are lost to a large extent by our modern methods of milling, refining, shipping, storing and especially cooking. It is necessary, therefore, to supply these missing vitamins in order to maintain optimum nutrition and buoyant health.

*Bezon contains all of the known vitamin B factors in natural form. No synthetic chemical is added to or used in its manufacture.*

Bezon is made only in the distinctive two-color gelatin capsule. Available in bottles of 100 and 30 capsules.

*Products of Nutrition Research Laboratories are promoted only through the medical profession.*

**NUTRITION RESEARCH LABORATORIES**

4210 Peterson Avenue

Chicago, Illinois

that large reserves had been set up against contingencies rising out of present extraordinary conditions; and E. R. Squibb & Sons commented that wages were higher. Norwich Pharmacal Company pointed out that sales to Government departments were made at profit margins very much below those on regular business; United Drug Company set up reserves against possible inventory losses; and Zonite Products Company stated that cost of materials, labor, and manufacturing were all higher.

#### 1942 OUTLOOK

All the factors cited above again will be operative in 1942—plus the additional burden of Government price control. It is true that sales in the forepart of the year, at least, will run as much as 10 per cent or more ahead of 1941. So will profits before taxes. But considering the higher taxes that lie just ahead, federal price regulation, conversion costs and delays, and dislocations in raw materials and packaging, it seems altogether likely that earnings for the year

will be somewhat under those of 1941 for most concerns.

This may prove true even of the companies specializing in ethical pharmaceuticals. This group, it seems, should show the greatest stability in sales and earnings of any units in the drug and cosmetics trade since their products are more largely indispensable medical necessities. Operations of the proprietary manufacturers normally tend to fluctuate more widely because of highly competitive conditions and changes in consumer buying power. Even so, their record shows less violent swings in both sales and earnings over a period of years than does the record of the average industrial corporation.

Drug industry stocks are held primarily for their income yield. Most of them are well fortified with large cash resources. Thus they are able to disburse the bulk of their earnings to stockholders—an important consideration in these days of declining investment income. Where dividends are earned by a rather narrow margin, some reduction in di-

## Watch Blood Pressure Fall



Blood pressure often falls from dangerous heights under treatment with ALLIMIN. A combined garlic and parsley concentrate, ALLIMIN affords safe, gradual and effective hypotensive action.

For liberal sample and literature address

**VAN PATTEN PHARMACEUTICAL CO.**

54 West Illinois St.

Dept. M.E.

Chicago

### *Allimin*

*The Safe Hypotensive for Long-Continued Use*



... "Git thar fustest with the mostest!"\*

*\*Gen. Nathan Bedford Forrest*

It's not only good soldiering . . . it's good medicine to strike early and strike hard.

That's why, in dealing with borderline vitamin B deficiencies, you will want to attack the problem with a B complex preparation of real potency—

## BETA-CONCEMIN

Brand of B Vitamins

### WHOLE VITAMIN B COMPLEX IN HIGH POTENCY

The suggested daily dose (3 teaspoonfuls Elixir Beta-Concemin or 6 Beta-Concemin Tablets) supplies:

Vit. B<sub>1</sub> (thiamine HCl, 3 mg.) . . . 1000 U.S.P. units  
 Vit. B<sub>2</sub> (riboflavin, 2 mg.) . . . 2000 micrograms  
 Nicotinic acid amide . . . . . 15 milligrams  
 Vit. B<sub>6</sub> (pyridoxine HCl, 0.45 mg.) . . . 450 micrograms  
 Pantothenic acid (0.225 mg.) . . . 225 micrograms

*All other factors of vitamin B  
 complex as derived from liver*

Pleasant, fruit-flavored Elixir Beta-Concemin is available at prescription pharmacies in 4-oz. and 12-oz. bottles; Beta-Concemin Tablets in bottles of 100.

*In Anemia—Complete  
 Vitamin B Complex  
 with Ferrous Iron*

**Capsules  
 BETA-CONCEMIN**

Brand of B Vitamins

**with  
 Ferrous Sulfate**

*Bottles of 100*



## THE WM. S. MERRELL COMPANY

Founded 1828

Cincinnati, U. S. A.

Trade Mark "Beta-Concemin" Reg. U. S. Pat. Off.

vided rates, or in the amount of extras paid, may follow.

But even where dividend reductions may be necessary, yields will continue to be fairly good in many cases. On the other hand, the cosmetic, perfume, and toilet goods companies, as a group, are particularly vulnerable in a war economy and must be considered among the more highly speculative stocks in these troubled times.

—RAYMOND L. HOADLEY

## Public Health

[Continued from page 59]

as health departments themselves increase in size, personnel, and budget. Dr. Martha Elliot, associate director of the U.S. Children's Bureau, remarked just recently that public health should strive with might and main to take advantage of the war to secure privileges which will not be relinquished when the war is over. (Worth noting in this connection is the fact that the Children's Bureau has set aside \$200,000 of social security funds to distribute to States for obstetrical care pro-

grams for soldiers' wives. Not only will these programs provide medical service during the present period, but it has also been suggested that the administrative machinery set up for this purpose may be used to supply medical care for special population groups when the war is over.)

Many thoughtful public health doctors are as anxious as private physicians are to avoid mis-use of the public health function. They know that the professional and public reaction following such mis-use would curb the movement as nothing else could. Doctors in this field, many of whom entered it from private practice are on the whole sympathetic to the problems of the private physician. Moreover, they often realize that they can best further the cause of public health by aiding the private doctor to help himself and his patients.

It's possible that public health may purge its ranks of both the ambitious alderman and the social experimenter. But there is no present basis for considering this a *fait accompli*.

## Here's the Sterilizer you need

Check the features of a Castle "673" against the Sterilizing needs of your busiest day . . . "Full-Automatic" Control . . . CAST-IN-BRONZE Boiler . . . porcelain top that's big enough for a really useful work area . . . roomy double cabinet with glass door and shelves . . . silent foot lift. WRITE.

**WILMOT CASTLE COMPANY**  
1143 University Ave.                      Rochester, N. Y.



# TENSOR

**WHEREVER TENSION  
IS NEEDED!**



**33 1/3% MORE STRETCH**



## SEND FOR SAMPLE

Doctors are invited to test TENSOR and discover for themselves the many advantages of this modern bandage. For your free sample—address Bauer & Black, Dept. TR-8, 2500 South Dearborn Street, Chicago, Illinois.

IN A RECENT SURVEY, doctors throughout the country praised TENSOR, the elastic bandage made of cotton-covered rubber thread. Of the 1,257 who reported, 95% liked TENSOR as well or better than any other similar product, 58.4% liked TENSOR better. They found in TENSOR a combination of advantages not offered in rubberless bandages—*greater stretch and lighter weight.*

The doctors discovered that TENSOR provides greater, more even tension without constriction. Handling ease and extra comfort for the patient were attributed to TENSOR's lightness and flexibility. Its beige color (less conspicuous under hosiery) appeals particularly to women patients. Where *tension* is indicated, *apply TENSOR* for maximum efficiency.

Those who prefer a rubberless bandage will find the *Curity Crepe Elastic Bandage* ideal. All cotton (no rubber), it has smooth selvedge edges and provides a degree of support and good appearance that is unusual for a bandage of this type.

**Curity**  
**TENSOR**  
ELASTIC BANDAGE

**BAUER & BLACK**  
Division of the Kendall Company, Chicago, Illinois




---

---


# Exclusively...

# TAMPAX


**I**N endorsing the choice of a tampon for internal menstrual protection, professional preference may well be guided with discretion by four criteria:




**Is it adequate?** Tampax has an exceptionally high absorptive capacity that "soaks up" the flux with active freedom, preventing any blocking of the flow. Three sizes—Super, Regular, and Junior—adapt it for individual daily requirements.



**Can it be introduced without orificial stress?** Each Tampax is supplied in a slender individual applicator, in which the tampon is compressed to one-sixth its normal size—for high insertion with delicacy and facility by the most fastidious.



**Is it comfortable in situ?** Only Tampax (of all menstrual tampons) is designed to expand *flat*, conforming with physiologic certainty and subjective comfort to the flat cross section of the collapsed vagina. Most users are practically unaware of its presence.



**Can it be removed—readily?** Only Tampax (of all menstrual tampons) is *cross-fibre* stitched to prevent disintegration, with its moisture-resistant cord an inseparable extension of that stitching—so that gentle, dainty removal may be effected without probing.

Tampax was designed by a physician with an authoritative appreciation of functional requirements. In Tampax—exclusively—your patient can secure *all* of these features. Professional samples for demonstration are available on request.

ACCEPTED FOR ADVERTISING  
BY JOURNAL OF THE AMERICAN  
MEDICAL ASSOCIATION

**TAMPAX INCORPORATED • PALMER, MASSACHUSETTS**

---

---

TAMPAX INCORPORATED, PALMER, MASS.

Please send me a professional supply of the three sizes of Tampax.

Name

Address

City

E-72

The  
N  
ent  
supp  
phys  
cord  
land  
Kans  
men  
are  
low  
Nort  
Wyo  
Com  
Al  
syst  
meth  
amin  
sians  
cism  
cate  
retu  
tem.  
Th  
gene  
that  
tees  
the  
rejec  
To  
is ex  
ly in



# The Newsvane



## The "Patriotic Belt"

Nine States, with only 11 per cent of the Nation's doctors, have supplied 28 per cent of all U.S. physicians on military duty, according to Dr. Forrest L. Loveland of Topeka, chairman of the Kansas procurement and assignment committee. The nine States are Missouri, Kansas, Arkansas, Iowa, Nebraska, Minnesota, North Dakota, South Dakota, and Wyoming.

## Continue "Screen Tests"

Although the Selective Service system's present "screen test" method of cursory physical examination by draft board physicians is eliciting widespread criticism, authoritative sources indicate there is little likelihood of a return to the two-examination system.

The screening method has been generally criticized on the grounds that a high percentage of selectees are declared physically fit in the first examination but are later rejected at the induction station. To offset the criticism, the army is experimenting with giving newly inducted soldiers a two-week

furlough immediately after induction. This will enable registrants to delay settling their civil affairs until after they know they will be accepted by the army.

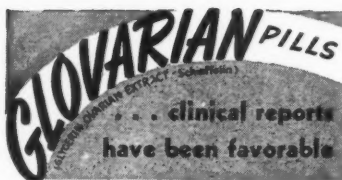
## Hospital Space Scarce

The Milwaukee County Medical Society has asked local hospitals to report twice daily on the number of beds available, to aid physicians in finding accommodations for their patients. Doctors in that area frequently have had to try two or three hospitals to obtain a reservation, the society reports, adding that even emergency cases have sometimes not been taken into the first hospital called.

## Oppose Dues Remittance

Trustees of the State Medical Association of Texas recently urged delegates at the annual meeting to defeat a proposal to remit the 75-cent monthly dues of members in service.

Asserting that the society would face the loss of up to half its dues revenue, the trustees' chairman said the association needs its income during war even more than



### Biologically standardized

Year after year reports from physicians indicate the value of Glovarian Pills in the treatment of the menopause syndrome, dysmenorrhea and other related disorders.

Bottles of 36 and 100



### Schieffelin & Co.

20 Cooper Square New York, N. Y.  
Pharmaceutical and Research Laboratories

Literature and sample upon request.

## FOR YEARS EVAC-U-GEN

Trade Mark Reg. U. S. Pat. Off.



A highly flavored and palatable tablet in convenient form for adults and children, representing Yellow Phenolphthalein (Not U.S.P. Formula), Sodium Salicylate  $\frac{1}{4}$  gr., Bismuth Subcarbonate  $\frac{1}{2}$  gr., Bismuth Subgallate  $\frac{1}{2}$  gr., in a specially prepared base.

ADULT DOSE: Chew one or two tablets night or morning. Children up to 10 years of age  $\frac{1}{2}$  tablet.

Send for sample

WALKER, CORP & CO., Inc.  
SYRACUSE, NEW YORK

in peacetime. He added:

"We think those in the service can and should continue to pay their dues. On their return they will expect their association to be intact."

### Share Fees with Absentees

Members in military service are to receive half the fees collected from their patients by other members, the Indianapolis Ophthalmological and Oto-laryngological Society has voted. The society has also bound its members to return patients to their original physicians when the latter return to civilian practice.

### Permits Votes by Proxy

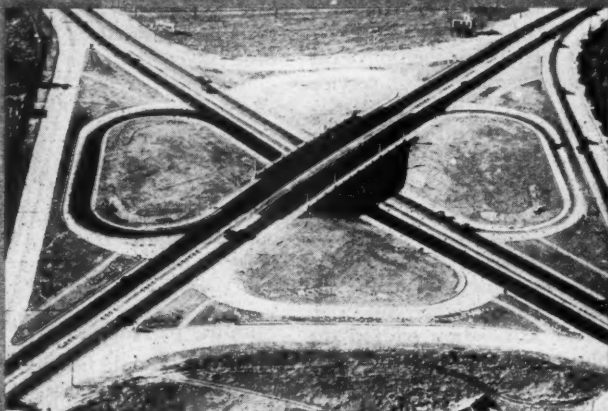
The New York County medical society has granted members in war service the right to vote on society matters by proxy. A resolution authorizing proxies pointed out that civil law permits men in service to cast absentee election ballots.

### Male Practical Nurses

Short training courses in civilian hospitals are recommended by Dr. Basil MacLean, president of the American Hospital Association, to prepare 10,000 men a year for service as army practical

### DOCTORS ENTERING THE SERVICE

If you wish to receive MEDICAL ECONOMICS while on active duty, advise us immediately by post card when you change your address. We'll make every effort to see that the magazine reaches you each month.



## THE MODERN HIGHWAY to Relief from Congestion

MINIT-RUB is as modern as the new clover-leaf highways in helping relieve congestion. MINIT-RUB brings a glow of soothing warmth to affected areas. It stimulates circulation by counterirritant action, aids in relieving by promoting a better flow of blood and lymph. MINIT-RUB is clean, convenient, economical.

*Rub in MINIT-RUB for helpful relief in sore, aching muscles; Local congestion of uncomplicated colds; Simple neuralgias; Lumbago.*

**MINIT-RUB** The Modern Rub-In

**GREASELESS • STAINLESS • VANISHING**

Send for MINIT-RUB literature

**BRISTOL-MYERS COMPANY**  
19ME West 50th St. New York, N. Y.



nurses and thus overcome the shortage of graduate nurses. As candidates for such training, Dr. MacLean suggests men physically ineligible for combat service, plus enough enlisted men to make up the required number of trainees.

### **"Spare the Doctor"**

Shortly after MEDICAL ECONOMICS published an editorial (May issue) suggesting a "Spare the Doctor" campaign, the American Medical Association offered the public a number of recommendations toward this end. The principal admonition was to "go to the doctor's office instead of calling him to your home whenever possible."

The A.M.A. also suggested wider use of hospitals, and advised civilians to take Red Cross first-aid courses, to observe the fundamental rules of hygiene, and to avoid overeating, overdrinking, overexercising, and overworking.

### **Fees for Reports**

The Medical Society of the County of Kings (Brooklyn,

N.Y.) has prepared a sticker available in pad form, to be attached to physicians' reports for insurance companies. The sticker points out that the society has adopted a minimum fee of \$2 for reports requested by insurance companies on patients previously examined or treated. Not involved are reports on patients currently under treatment or reports required under the workmen's compensation law.

### **Surplus to Hospitals**

Business should be encouraged to continue and increase donations to voluntary hospitals, in the opinion of Dr. S. S. Goldwater, president of the Associated Hospital Service of New York.

Gifts and bequests from individuals are diminishing, but this will not make it necessary for voluntary hospitals to look to the Government as the only source of new capital, Dr. Goldwater said in a letter published in several New York newspapers. He wrote:

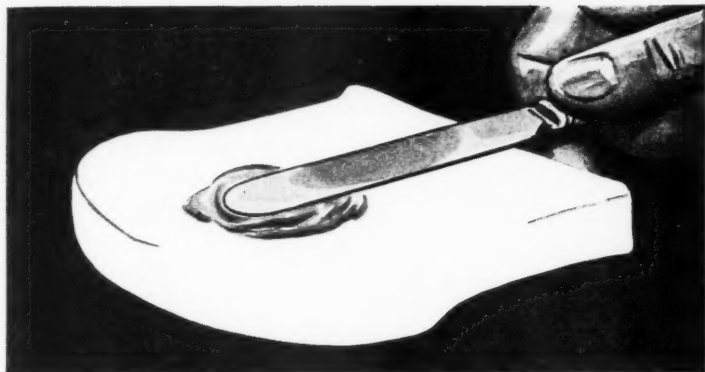
"Increasingly the Government is taxing away the profits of corporations. Under present tax con-

## **A HELPFUL VAGINAL DOUCHE**

### **Prescribe GLYCO-THYMOLINE**

Glyco-Thymoline helps to cleanse, soothe and heal irritated and inflamed mucous membrane, and temporarily reduce disagreeable odor of leucorrheal discharge. It also aids in the control of annoying pruritus.

**KRESS & OWEN COMPANY, 361-363 Pearl St., New York**



## Who wants butter—without bread?

IN building *nutritional* health and vigor, a spread of butter is welcome enough . . . but hardly alone without a slice of bread!

Similarly, in rebuilding *elimination* health and vigor in the constipated, small doses of tonic laxatives may be helpful. But the cultivation of a dependable habit calls for more sound and substantial fare as well, in the form of those physiologic elements so frequently deficient in the costive—the external secretions of liver and pancreas.

Pancrobilin Tablets is a real butter—and bread—agent for the relief of constipation. Not

only does it provide minute quantities of phenolphthalein, podophyllin, and cascara, to relieve the immediate colonic stasis, but—most important—it incorporates desiccated pancreas and the pure bile salts, sodium glycocholate, and sodium taurocholate—to replace the deficient secretions, and to reactivate the torpid liver, gallbladder, and pancreas to a fulfillment of their necessary contribution to continued regularity.

**Available:** In bottles of 100, 500, or 1,000 tablets.

**Dosage:** For adults, 2 tablets at bedtime.

REED & CARNICK, Jersey City, N. J.

**ALSO AVAILABLE:** As Pancrobilin Pills with Aloin, Strychnine, and Belladonna for cases involving colonic atonicity; and as Pancrobilin Pills, Plain (desiccated pancreas and pure bile salts, without reinforcement), for cases requiring prolonged treatment.

# PANCROBILIN TABLETS

*for Constipation*

**FORMULA:** Each tablet contains pancreas desiccated, purified bile salts, phenolphthalein  $\frac{1}{4}$  gr., podophyllin  $\frac{1}{8}$  gr., and extract cascara sagrada  $\frac{1}{4}$  gr.



## Not Only in Burns

But also in Varicose Ulcers, Decubitus Ulcers, Skin Grafting, Infected Pruritus Ani, Pruritus Vulvae, Abrasions, Ano-rectal Wounds—

## GADOMENT

(Patch)

In an eight-year study, R. H. Aldrich (Indus. Med. 11:4, April 1942) found Gadoment "answers most of the needs presented by these specific conditions"; also that "it is extremely safe and simple to use. No blood determinations need be done and no toxicity has ever been reported."

Gadoment (Patch) is a bland, cod liver oil ointment which spreads evenly, promotes healing, does not seep through the recommended dressing.

*Let us send you the booklet "Common Skin Lesions" and a tube of Gadoment for trial.*

**THE E. L. PATCH CO.**  
BOSTON MASS.

ditions corporations are more and more disposed to give substantial portions of their surplus income to community hospitals. It should and can be encouraged. I believe that is the key to the preservation of a voluntary hospital system free from Government domination."

### George and Charlie

A newly established George and Charlie Scholarship at the College of Physicians and Surgeons, Columbia University, honors Charles Costello, 71, a doorman at the college, and the late George Peters, who was a coat-room attendant there. The scholarship fund of \$7,000 was contributed by alumni.

Said Charlie when interviewed by reporters about the honor: "I am proud, elated, and glad."

### Recommend Higher Fees

An increase in doctors' fees was recommended by the California Medical Association's house of delegates at their recent annual meeting. Hospital, office, and home-visit charges are to be upped 50 per cent; all others, 25 per cent.

### False Teeth in Raids

Persons with removable bridge-work should take it out during air raids, recommends the Office of Civilian Defense in a memorandum to medical officers. The memorandum states that "small removable bridges can be aspirated, and larger restorations

# JUST 3 SIMPLE STEPS INVOLVED IN CLINITEST

## THE NEW TABLET URINE-SUGAR TEST



①

5 Drops Urine  
plus  
10 Drops Water



②

Drop in Tablet



③

Compare with  
Color Scale

That is all . . .

**TIME—Less Than One Minute!**

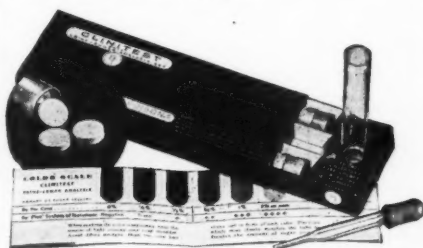
**DEPENDABLE**—The CLINITEST Tablet Method employs a modification of Benedict's copper reduction method, retaining the familiar progression of colors from blue through green to orange, indicating sugar at 0%,  $\frac{1}{4}\%$ ,  $\frac{1}{2}\%$ ,  $\frac{3}{4}\%$ , 1% and 2% plus.

### ECONOMICAL—

Complete set (with tablets for 50 tests) costs your patient only \$1.25. Tablet Refill (for 75 tests)—\$1.25.

*Write for full descriptive literature.*

CLINITEST Urine-Sugar Test and CLINITEST Tablet Refill are available through your prescription pharmacy.



**EFFERVESCENT PRODUCTS, INC.**  
**ELKHART, INDIANA**

such as dentures constitute potential secondary projectiles."

The OCD has also suggested to its regional medical officers that dentists be trained for casualty station and first-aid post work, explaining that "dentists with supplementary training can be of great assistance to physicians."

### Report on Licensure

Medical licenses issued in 1941 numbered 5,681, according to the American Medical Association's annual compilation of licensure statistics. Explaining that approximately 3,700 U.S. practitioners die every year, the report states that the medical population increased by about 1,900 persons in 1941. Other highlights:

"Fifty-nine medical schools have adopted an accelerated curriculum involving both acceptance and graduation of a class every nine months. Eleven have adopted an accelerated curriculum involving the graduation of a class every nine months but will admit an entering class on an annual basis. Eight schools have not

adopted an accelerated program."

This speeding up of school work plus greater enrollment is expected to increase by 25 per cent the number of students graduated annually.

The AMA also calls attention to wide variance in licensure standards. The report remarks that the results of the 1941 examinations reveal a pressing need for uniformity.

In seven States, there has not been one failure in six years, and in twelve others the failures have been less than 1 per cent. On the other hand, 21.8 per cent of the graduates of New York State medical colleges who took the 1941 licensing examinations in that State failed; 39.4 per cent of the graduates of other approved medical colleges in the U.S. who tried the New York examinations failed; and 2.8 per cent of the New York medical college graduates examined in other States failed.

The percentage of failures was highest among graduates of foreign schools and unapproved U.S. schools, the former being 59.6 per cent and the latter 46

## FOR SCABIES

*Wyeth's*

### SULFUR FOAM Applicators

Carry pure sulfur to every pore and recess  
of the skin

**NO GREASE—NO MESS**

Supplied in boxes of 3 applicators  
Clinical supply free on request

JOHN WYETH & BROTHER, INC. • PHILADELPHIA, PA.







## THE ROYAL TOUCH for PAIN RELIEF

In the 17th Century—Divine Right of Kings

In the 20th Century—Bayer-Tablets of Aspirin

In the 17th Century, pain relief and healing were royal prerogatives; today, there is no mystery or magic about it—

## BAYER-TABLETS of ASPIRIN

With a clinical background of 40 years and millions of cases, Bayer Aspirin has earned its reputation as the analgesic-antipyretic of choice for relief in

COLDS

NEURALGIA

INFLUENZA

RHEUMATIC AFFECTIONS

FIBROSITIS

The special Bayer tableting process and the purity of Bayer Aspirin account for rapid disintegration in the stomach and the almost complete absence of free salicylic and acetic acids.

Each tablet of Bayer Aspirin contains the full dosage of the pure drug.

We shall be glad to forward you professional samples of Bayer-Tablets of Aspirin on request.



# BAYER ASPIRIN

170 VARICK STREET

109

NEW YORK, N. Y.

per cent. Graduates of unapproved schools were licensed in six States last year, and in four States unlimited licenses to practice medicine were granted to graduates of osteopathic schools.

New York, paradoxically enough, led all other States in the number of licenses issued on the basis of credentials without examination.

### Raid Precautions

To protect patients and staff personnel from bombs and "flak," New York City's twenty-seven municipal hospitals are undergoing extensive alterations. At Bellevue, for example, a new roof has been placed over operating rooms and an emergency ward reception shelter is being built of steel and brick to shield arriving ambulances.

### Hospital Priorities

Under existing priorities ratings, hospitals are unable to get materials needed for their proper maintenance and operation, Roger C. Wilde, of the Hospital Industries Association, told the Tri-

State Hospital Assembly. He pointed out that most priorities are granted to manufacturers of equipment, rather than to hospitals themselves, and added that the manufacturers were having difficulty securing materials.

At the same meeting, Dr. James A. Crabtree, of the Office of Defense Health and Welfare Services, denied that hospitals were slighted. He said that the regulations were "interpreted to extend to all necessities for normal operation."

### Home-made Mobile Unit

Described as among the best equipped mobile disaster units in New York City is Knickerbocker Hospital Unit No. 1, a discarded meat truck which was converted with the assistance of almost everybody in the neighborhood into an elaborate movable casualty station.

Knickerbocker internes, envious of the spic and span British-American ambulances which their own institution didn't "rate," directed the construction of their home-made mobile unit. The



## GOOD DOCTORS USE GOOD STATIONERY

That's only natural because a good doctor is a successful doctor and a successful doctor must use good stationery. However, good stationery costs so little all doctors should use it. Just being a doctor denotes the highest standing, and the only appropriate stationery is that which is good. Samples of such good stationery and full details on request.

PROFESSIONAL PRINTING COMPANY, Inc., 15E 22nd St., N. Y. C.  
AMERICA'S LARGEST PRINTERS TO THE PROFESSIONS



# all 4

## FEATURES MAY BE FOUND IN THIS ONE CEREAL:

**VITAMIN B<sub>1</sub>**  $\frac{1}{2}$  oz. of Gerber's Strained Oatmeal contains 50 I.U. of Vitamin B<sub>1</sub>. The same plus 3 oz. of milk contains 60 I.U.

**IRON**  $\frac{1}{2}$  oz. of Gerber's Strained Oatmeal contains 3.1 mg. of Iron. This compares with 1.7 mg. of oz. of milk, or 1.4 in an egg yolk.

**PALATABILITY** Gerber's Strained Oatmeal has a pleasant flavor, and mixes with milk or formula to the extremely smooth consistency babies find most palatable.

**ECONOMY** The relatively low price of Gerber's Strained Oatmeal has been an important factor in encouraging widespread use of a dietetically sound food for infants.



... by the makers of  
**Gerber's**  
*Baby Foods*

Cereals • Strained Foods  
Chopped Foods

**GERBER PRODUCTS CO.**  
Dept. 227, Fremont, Mich.

Gentlemen:

You may send a complimentary sample of Gerber's Strained Oatmeal and a Professional Reference Card to the following address:

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

truck can establish five completely equipped emergency field units, and has room to transport thirty doctors and nurses.

Besides the butcher who contributed the truck, an 81-year-old upholsterer, a hardware merchant, a carpentry firm, a linoleum salesman, an automobile company, a painter, and several other good neighbors assisted the internes by volunteering their skills and supplies. The hospital trustees helped with money for the purchase of drugs and equipment, while funds for incidentals came from the proceeds of a dance promoted by the unit's personnel.

### WAAC Birth Control

When the Women's Army Auxiliary Corps decreed that "WAACs" who become pregnant will be discharged, Mrs. Margaret Sanger promptly asserted that the Government should provide scientific contraceptive information for all WAAC recruits.

"It is a health issue," she said, "as protective to a WAAC's security as vaccination against

smallpox. But the army is perfectly right in making the ruling. If they let any one come in and have their babies it would be too insecure for the Government."

Mrs. Sanger added: "Babies are not the problem of the women's army in England because since 1932 they have had access to birth control information."

### Negro M.D.'s in Service

Sharp condemnation of alleged army and navy discrimination against Negro physicians was voiced recently by the New York County medical society. In a resolution which asserted that qualified Negro doctors have been commissioned only in so far as their services are required for Negro troops, the society went on record as "favoring the use of Negro physicians in all branches of the armed forces."

### Midwives in Demand

Training registered nurses in midwifery is the best means of assuring men in the armed services that their wives will receive adequate care during pregnancy.

## • WHAT ABOUT INDUSTRIAL DERMATITIS?

PLY Liquids or Creams form an invisible, harmless covering for the skin...preventing irritation or further aggravation of existing condition. NOT a substitute for therapy. Merely an effective mechanical aid in prevention.

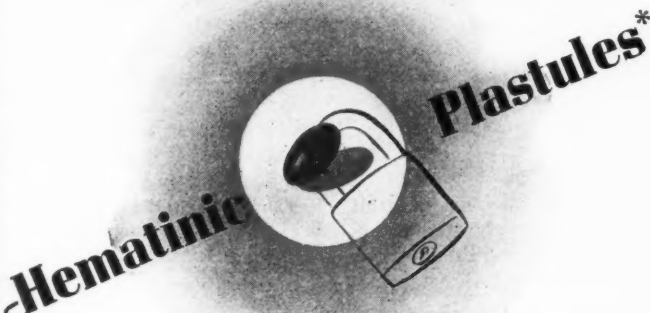
• Write today for authoritative booklet  
**The Answer to Industrial Dermatitis**



**The MILBURN Co.**  
DETROIT MICHIGAN



*Sealed from the air...  
but not from the patient*



The iron in Hematinic Plastules is *ferrous iron*—readily available for conversion into hemoglobin. To keep it that way—sealed from the oxidizing action of air—it is hermetically sealed in soluble elastic capsules.

Thus the iron in Hematinic Plastules is readily assimilated, even in the presence of gastric hyposecretion.

For aiding in quick return to normal hemoglobin levels prescribe Hematinic Plastules.

Available in bottles of 50's, 100's and 1000's

\*Reg. U. S. Pat. Off.

**THE BOVINE COMPANY**  
2134 McCormick Boulevard • Chicago, Illinois



according to Mrs. Shepard Krech, president of the board of directors of the New York Maternity Center Association. Says she:

"Unfortunate associations with the word 'midwife' are being stamped out of people's minds. Expectant mothers are just as well off at home as in a hospital if they are properly cared for. The registered nurse-midwife, working closely with the doctor and consulting him in pregnancy cases that develop complications, can certainly give proper care."

### Urges More Rejections

The rate of rejection of draft registrants for psychiatric defects should be increased to lessen the extent of mental breakdowns

among inducted men, the National Committee for Mental Hygiene declares in its annual report.

The committee, an organization of physicians and laymen working to control and prevent mental illness, declares that the rate of such disqualification is much higher now than in World War I and that the proportion of breakdowns among draftees is only one-third that among enlisted men and the National Guard.

"This shows the value of careful screening," it remarks. "Approximately 6 per cent of the rejections by local draft boards have been due to nervous and mental conditions."

But this warning is appended:



Did You Say—  
"A Point with Steel Sharp-  
ness?"

Yes, I said—

**"A Point with  
Steel Sharpness!"**



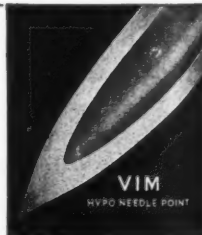
That's why I order VIM—it's made from steel, not merely a metal that is stainless. You need steel for sharpness . . . cutlery steel for long-lasting sharpness. VIMS are made from Firth-Brearley stainless cutlery steel. That is why VIM points are sharp—stay that way.



Write VIM on your next needle order.  
VIM has the steel point that stays sharp.

Made from Firth-Brearley Cutlery Steel  
"The 'Sterling' of Stainless Steels"

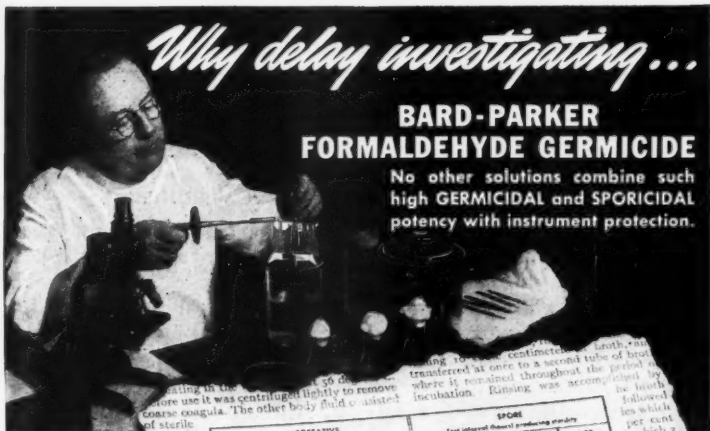
MacGREGOR INSTRUMENT CO., Needham, Mass., U. S. A.



# Why delay investigating...

## BARD-PARKER FORMALDEHYDE GERMICIDE

No other solutions combine such high GERMICIDAL and SPORICIDAL potency with instrument protection.



...in the ... to do ...  
... use it was centrifugal lightly to remove  
... coagula. The other body fluid ...

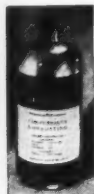
... 10 centimeters ...  
... transferred at once to a second tube of broth  
... where it remained throughout the period of  
... incubation. ... was accomplished by ...

VEGETATIVE					SPORE				
Test organism					Test organism				
	pus	dry	wet	dry		pus	dry	wet	dry
Staph. aureus	1/2	1/2	1/2	1	B. anthracis	1/2	1/2	1	1
Staph. hemolyticus	1/2	1/2	1/2	1	Cl. welchii	1/2	1/2	1	1
Pseudomonas pyocyanea	1/2	1/2	1/2	1	Cl. welchii	1	1	1	1

\*Controls negative. All test vessel drying

... followed  
... which  
... per cent  
... which  
... some bac  
... the final  
... idence of  
... died from  
... resence of  
... a turbid  
... ck sulfide  
... result, all  
... was in

Comprehensive  
bacteriological  
reports available  
on request.



Bard-Parker Formaldehyde Germicide is an efficient, practical and economical solution for the disinfection of surgical blades and instruments. Blades heavily contaminated with *Staph. aureus* and covered with dried blood are consistently disinfected within 2 minutes. And it is sporicidal. Within 1 hour the spores of *B. anthracis* (anthrax) and within 4 hours the spores of *Cl. welchii* (gas gangrene) are destroyed. Even extremely resistant tetanus spores are killed within 18 hours. Therefore instruments should be immersed for not less than 18 hours for the destruction of all forms of pathogenes.

When used as directed, Bard-Parker Germicide will not rust, corrode or otherwise damage delicate steel instruments. Of primary importance . . . the solution is non-injurious to the keen cutting edges of Bard-Parker knives and scissors.

Ask your dealer **PARKER, WHITE & HEYL, INC.**  
DANBURY, CONNECTICUT

**A BARD-PARKER PRODUCT**

"With the shift of medical examinations from local draft boards to army induction boards and the resultant increased burden on psychiatric examiners, of whom there are all too few, there is need for intensified effort to refine the screening process."

Previous participation in war still leaves its mark, the report points out. "In 1940 there were 68,727 mentally disabled veterans to whom the Government made compensation awards totaling \$41,889,360 during that single year. Mental and nervous casualties fill half the beds in our veterans' hospitals."

### Gas for Chiropractors

Under gasoline rationing rules, a violation of the New York State Medical Practice Act by chiropractors is termed a "necessary pursuit." In pointing out this anomaly, the Journal of the New York County medical society explains that the practice of chiropractic is prohibited by State law, but that rationing permits the cultists unlimited purchases of fuel.

Observing that unlimited purchase of gasoline is permitted only for "essential uses," the Journal asks: "By what stretch of the imagination do chiropractors fall within that category?"

### Hospital Beauticians

Beauty treatments improve a woman patient's spirits as well as her looks, an executive of the Buffalo General Hospital told a recent hospital meeting. A facial or a hair wave, he said, is often a definite aid to recovery. "A woman who is ill cannot maintain her attractiveness. We have a beautician operating as a service to patients. . ."

The hospital has reported no equivalent service to buck up an ugly and depressed male.

### Offers Aid to Students

Ten thousand dollars a year for scholarships and student loans has been offered by the W. K. Kellogg Foundation to each of 150 schools of medicine, dentistry, public health, and nursing in the U.S. and Canada.

Administration of the scholar-

## **CYSTOGEN** THE DEPENDABLE URINARY ANTISEPTIC

Cystogen is well-tolerated. An added reason why this effective urinary agent is regularly prescribed in cystitis, pyelitis, prostatitis, urethritis and other G-U infections. Cystogen eases renal and vesical pain; flushes the genito-urinary canal from the kidney to the meatus

and makes fetid urine non-odorous and non-irritating. This dependable urinary antiseptic is prescribed by many physicians. In 3 forms: Cystogen Tablets, Cystogen Lithia, Cystogen Apetient. Free samples on request.

**METHENAMINE IN ITS  
PURE FORM**

**CYSTOGEN CHEMICAL CO.**  
190 Baldwin Ave., JERSEY CITY, N. J.



# FOR THREE REASONS



**UNGUENTINE** is modern in its consideration of the patient's comfort as well as his well-being.

- 1 *Unguentine* is analgesic and antiphlogistic—with a soothing local anesthetic effect that quickly helps relieve pain in denuded areas of the skin, as well as burns.
- 2 *Unguentine* is antiseptic, germicidal, non-toxic, non-irritating, and effective in the presence of serum and organic matter.
- 3 *Unguentine* conforms to the modern concept of a useful surgical dressing—neither dry nor wet—adaptable to sustained antiseptic yet soothing contact with the injured area.

*Sample free to physicians on request*

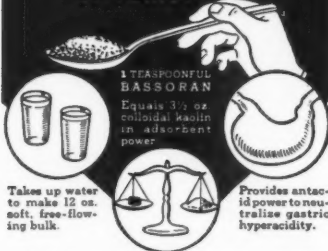
The Norwich Pharmacal Co., 54 Eaton Ave., Norwich, N. Y.



® Reg. U. S. Pat. Off.

# UNGUENTINE

**NATURAL STIMULATION  
OF PERISTALSIS**



1 TEASPOONFUL  
BASSORAN  
Equals 3 1/2 oz.  
colloidal kaolin  
in adsorbent  
power.

Takes up water  
to make 12 oz.  
soft, free-flow-  
ing bulk.

Provides antac-  
id power to neu-  
tralize gastric  
hyperacidity.

**Plus ANTACID-ADSORPTIVE ACTION**

**BASSORAN**

Brand of sterculia gum and magnesium trisilicate  
**PLAIN AND WITH CASCARA**

7-oz. and 25-oz. bottles

Trade Mark "Bassoran" Reg. U.S. Pat. Off.

**THE WM. S. MERRELL COMPANY**  
Cincinnati, U. S. A.

**LOOK FOR THE NAME**

✓ **Bathinette\***  
COMBINATION BATH AND TABLE

Every expectant mother should know about the "Bathinette," a real time saver when the baby comes. The complete "Bathinette" is equipped with Hammock with a headrest that holds the baby's head up and gives mother both hands to use—**really a Third Hand**—In addition a baby spray is provided to cleanse the baby from the soiled water.



**THE BATHINETTE COMBINATION BATH AND TABLE IS THE LARGEST SELLING INFANTS' BATHING DEVICE IN THE WORLD. FREE BOOK-LET AND SPECIAL DISCOUNT TO DOCTORS. ASK FOR IT.**

*The "Bathinette" way is the accepted way.*

\*Trade Mark Reg. U. S. Pat. Off. and in Canada

**BABY BATHINETTE CORPORATION**  
Dept. E, Rochester, N. Y.

ships is to be handled by school officials. Present plans contemplate the creation of revolving loan funds by having repayments made directly to the schools. The foundation suggests to schools that individual scholarships be limited to \$500 a year.

## Rebates Ruled Out

Rebating of fees has been specifically declared unethical by the house of delegates of the California Medical Association. At the annual meeting the delegates adopted a resolution providing

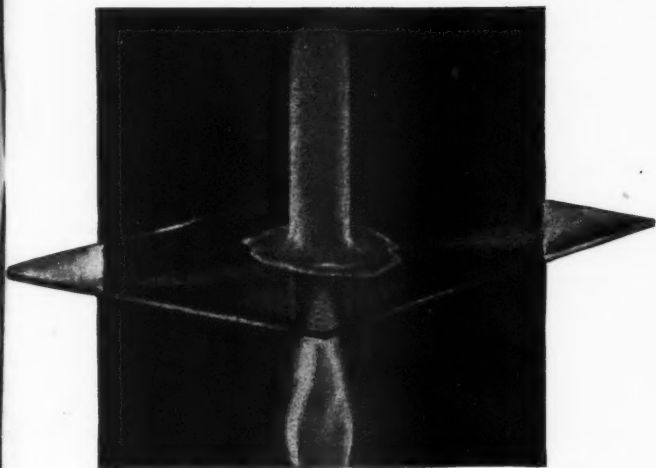
"That it be declared unethical . . . to refer patients to commercial organizations, laboratories or other physicians who advertise to the public and others that the medical profession, who employ steerers. . . or who offer to pay rebates or commissions. . ."

The resolution called attention to the fact that "the Better Business Bureau has complained of practices in which secret rebates were offered or accepted by physicians."

## Foundation Grants

Medicine and public health continue to rank first as beneficiaries of the \$40,400,000 in foundation grants distributed annually in the U.S., according to a recent survey embracing 314 foundations and conducted by Raymond Rich Associates.

The survey indicates that for medical research, medical education, the construction and support of hospitals, and other pur-



## To form a FINE EMOLLIENT FILM

When an Anusol Suppository is placed on a piece of plate glass and heated slightly, it will resolve and spread evenly. This demonstrates graphically how Anusol Suppositories melt at body temperature to form a fine emollient film that lubricates the affected rectal area. Thus, by their soothing action, friction is minimized, and congestion subsides. Prompt relief follows, marked by genuine symptomatic improvement, for Anusol Suppositories contain no narcotic or anesthetic drugs that might mask symptoms and give a false sense of security.

For over three decades, physicians have found Anusol effective in the non-surgical treatment of hemorrhoids. Why not observe for yourself the results of its application? Write on your letterhead to the Department of Professional Service for a trial supply. Anusol Suppositories are available for prescription in boxes of 6 and 12.

### **ANUSOL HEMORRHOIDAL SUPPOSITORIES**

SCHERING & GLATZ, INC., 113 West 18th Street, New York City

poses related to medicine and public health, foundations in 1940 granted individuals and institutions 30.4 per cent of their total disbursements, or \$12,273,590.

### Medicine After the War

"What is to become of the medical profession after the war?" inquires Northwest Medicine in a recent editorial.

The editorial offers the opinion that the profession must eliminate obvious abuses and injustices and "accept the challenge to provide the greatest good to the greatest number."

In the postwar world, the journal predicts, that there will be "a wider and more equitable distribution of the world's goods. This has been the trend since the renaissance, obscured at times but none the less evident as a thread running through the fabric of world history. Nowhere has it been more evident than in our own country, where the working man now enjoys luxuries beyond the reach of the most affluent of a generation ago. The masses have found voice and power.

They will use both after the war...

"The possibility of greater and more effective use of medical knowledge has not escaped the same public which insisted that the old economic order (which failed in 1929) was not perfect. There has been much public clamor for various schemes to control the practice of medicine. It would be folly to insist that such hubbub were without basis in various abuses permitted in the past, or to maintain that the popular expression was the result solely of the work of demagogues and agitators."

### OCD and the Red Cross

In an effort to eliminate overlapping services and local disputes, the Office of Civilian Defense and the Red Cross have issued a joint statement designed to settle once and for all the question of responsibility for the various civilian defense functions falling within the scope of the two agencies.

The statement declares that responsibility for the care of



### Still Available?

WILL your dealer still accept your order for that new Pelton Cabinet Sterilizer you need so badly? Find out today!

**PELTON STERILIZERS**



## Dr. Braddock's Microscope Was Commissioned Today

DR. BRADDOCK wants a new microscope—a Bausch & Lomb Microscope . . . and he's going to get it. It won't be today, though, for today America commissioned a new cruiser.

On this ship there are many optical instruments with a myriad of optical parts, made by the same hands that, in other times, might be grinding the lenses for Dr. Braddock's microscope. There are range finders fore and aft, and a score of smaller ones in strategic places about the ship. The glasses with which the officers scan the horizon are Bausch & Lomb products. Yes, and there's a B&L Microscope, a duplicate of the one Dr. Braddock wants, in the laboratory of the ship's hospital.

Dr. Braddock still wants his microscope, but because he knows these things he is willing to wait. Thousands of "Dr. Brad-docks" are making earlier victory possible.

Throughout the Bausch & Lomb plant, optical engineers and optical craftsmen are working long and tirelessly to further America's war effort. The lessons they are learning in the white heat of the drive for Victory will be available later to further the peacetime interests of science and industry.

**BAUSCH & LOMB**  
OPTICAL COMPANY • ESTABLISHED 1853

AN AMERICAN SCIENTIFIC INSTITUTION PRODUCING OPTICAL GLASS AND INSTRUMENTS  
FOR MILITARY USE, EDUCATION, RESEARCH, INDUSTRY AND EYESIGHT CORRECTION

jured rests with the emergency medical service." The Red Cross' function is to assist by training nurses' aides, equipping and operating emergency ambulances, providing supplementary transportation, and furnishing lists of persons qualified to administer first aid. Ambulances are to be operated under the direction of the emergency medical service in time of emergency.

### Paid in Passes

A proposal has been put to members of the Dauphin County (Pa.) Medical Society that a Pennsylvania Railroad medical service plan be declared unethical.

Under the plan, injured railroad men are given medical and surgical treatment by doctors designated by the railroad as "physicians for the P.R.R." In return, according to the Dauphin Medical Academician, physicians receive "the munificent gift of \$1 a year and a yearly system pass which incidentally is not valid on about twenty trains."

Local medical men dislike this arrangement but all efforts to change it have failed, according to the Academician article, which concludes:

"One thing is certain: Any good

physician would be more than happy to pay the Pennsylvania Railroad for his transportation if that organization would, in turn, reciprocate by paying him for his work."

### Hospitals and Taxes

Though charitable and educational non-profit hospitals are still exempt from Federal taxes, the Treasury Department now requires all hospitals claiming such exemption to file a special form giving details about the hospital's business activities during the tax year.

Evident implication of these new returns is that the Government wishes to make sure that tax-exempt hospitals are charitable in fact as well as in name.

### New Suture Film

"Sutures Since Lister," a motion picture which shows in detail how sutures are processed, was recently released by Johnson & Johnson, of New Brunswick, N.J. Designed for professional audiences, the film points up the contrast between the surgery of the gaslight era and that of today. In early sequences, the technique of Lister's time is carefully depicted. Later, the film shows the elaborate and painstaking



### DR. YOUNG'S RECTAL DILATORS

Before tightened sphincter muscles induce treatment (resistant constipation) mechanical therapy with these bakelite dilators may alleviate troublesome symptoms and eradicate the danger of hemorrhoids and other distressing sequelae. A useful adjunct in the treatment of constipation. Sold on physicians' prescriptions only at \$3.75 per set of 4. Obtain of your pharmacy or surgical supply dealer. Brochure on request.

F. E. YOUNG & CO., 410 E. 75th St., Chicago, Illinois



MORALE ENEMY No. 1 . . . AT WORK



## INSOMNIA UNDERMINES STAMINA

**I**NSOMNIA, an insidious enemy of morale, may be attacked therapeutically by an attempt to remove its main source of nourishment—*anxiety*.

During these critical days, however, this approach is frequently ~~the most difficult~~ and unrewarding. On the other hand, sound, refreshing sleep may be readily induced in the majority of patients by means of 'Delvinal' Sodium vinbarbital sodium.

'DELVINAL' SODIUM provides a *smooth* transition from wakefulness to restful sleep. The familiar "drugged" sensation during induction, or "hangover" afterwards, is rarely experienced. Experimental evidence and wide clinical experience have shown that 'Delvinal' Sodium is a highly efficient sedative and hypnotic with a safe therapeutic index, a moderate duration of action, and an exceptionally low incidence of side-effects.

'Delvinal' Sodium is indicated for the relief of functional insomnia and various psychiatric conditions, as well as for preoperative sedation, preanesthetic hypnosis, and obstetric sedation and amnesia.

'Delvinal' Sodium is supplied in three strengths:  $\frac{1}{2}$ ,  $1\frac{1}{2}$ , and 3 grains.

# DELVINAL' SODIUM

VINBARBITAL SODIUM

*Sharp & Dohme*

PHILADELPHIA, PA.

**PROTECT** *Babies*  
from **SERIOUS FALLS**



**GUARD AGAINST THIS**

*Use* **BABEE-TENDA** *Safety Chair*

For generations high chairs have tipped over causing serious or fatal accidents. The BABEE-TENDA Safety Chair (patented) eliminates this hazard. IT IS LOW and can't be tipped or pushed over like a high chair. A Safety Halter Strap positively prevents babies from climbing out. Folds compactly for traveling, can be used outdoors. Is highly endorsed by Pediatricians because it PROTECTS babies from injuries. Sold only direct to consumers.

• NOT SOLD IN STORES •  
Write for Circulation and Prices  
**THE FORT MASSAC CHAIR CO.**  
503 Finance Bldg. Cleveland, Ohio

## Best Sellers for M.E. Readers

THE KEYS TO THE KINGDOM  
—A. J. Cronin

MISSION TO MOSCOW  
—Joseph E. Davies

ISLANDIA—Austin Tappan Wright

FLIGHT TO ARRAS  
—Antoine de Saint-Exupery

One of these (or any other single-volume best-seller) is waiting for every MEDICAL ECONOMICS reader who submits an acceptable idea on the business side of medicine. The idea may be a time-saver, work-saver, expense-saver, or practice-builder. Address MEDICAL ECONOMICS, Rutherford, N.J.

controls used in modern suture manufacture.

The film is available without charge to recognized medical organizations.

## Where to Find Our Advertisers

Alkalol Co.	68
American Meat Institute	15
American Sterilizer Co.	5
Ar-Ex Cosmetics, Inc.	80
Baby Bathinette Corp.	118
Bard-Parker Co.	115
Barnes Co., A. C.	22, 67
Battle & Co.	127
Bauer & Black—Division of the Kendall Co.	99
Baum Co., Inc., W. A.	94
Bausch & Lomb Optical Co.	121
Bayer Co.	109
Becton, Dickinson & Co.	3, 81
Belmont Laboratories, Inc.	87
Bischoff Co., Inc., Ernst	89
Bovinine Co.	113
Bristol-Myers Co.	2, 103
Burnham Soluble Iodine Co.	126
Camel Cigarettes	9
Castle Co., Wilmot	98
Cystogen Chemical Co.	116
Desitin Chemical Co.	62
Effervescent Products, Inc.	12, 107
Flint, Eaton & Co.	77
Fort Massac Chair Co.	124
Fougera & Co., Inc., E.	14
Gardner, Firm of R. W.	84
General Foods Corp. (Sanka)	26
Gerber Products Co.	111
Gomco Surgical Mfg. Corp.	76
Guinness, Son & Co., A.	25
Hamilton Manufacturing Co.	66
Hart Drug Corp.	92
Hawaiian Pineapple Co., Ltd.	125
Health Cigar Co.	70
Hollings-Smith Co.	79
Horlick's Malted Milk Corp.	75
Hynson, Westcott & Dunning	86
Johnson & Johnson	7
Kress & Owen Co.	104
Lavoris Company	24
Leeming & Co., Inc., Thos.	28
Lever Brothers Co.	20, 91






## The Chart below

shows the daily recommendations of calories, vitamins B<sub>1</sub> and C, made by the Committee on Food and Nutrition of the National Research Council. It also shows the percentages of these nutrients contributed by a 6-oz. serving of Dole Hawaiian Pineapple Juice

### FOR THE AVERAGE MAN



The left-hand column gives the recommended amounts. The right-hand column represents the percentages of the recommendations found in a 6-oz. serving of Dole Pineapple Juice.

		VITAMINS					
		CALORIES		THIAMIN B <sub>1</sub>		ASCORBIC ACID C	
		Recommended Nat'l Research Council Number	Dole %	Recommended Nat'l Research Council Milligrams	Dole %	Recommended Nat'l Research Council Milligrams	Dole %
	Moderately Active	3000	3%	1.8	17%	75.	16%
	Very Active	4500	2%	2.3	13%	75.	16%
	Sedentary	2500	4%	1.5	20%	75.	16%
6 OZ. DOLE PINEAPPLE JUICE CONTRIBUTES		102 Calories		0.3 Milligram		12. Milligrams	

# DOLE Hawaiian Pineapple Juice

FROM  
HAWAII  
U. S. A.



# Pamphlets on SOCIALIZED MEDICINE

*For Distribution to Your Patients*



Do you believe the public should be taught the evils of socialized medicine? Then you'll want to do your part by distributing copies of the pamphlet shown above. They're available at cost: 25c per carton of fifty.

Simply place a carton on your reception-room table. Fold back the top, which reveals the words, "Take One!" And patients will help themselves.

The pamphlets have several unique advantages: They're brief—only about 900 words long. They're carefully worded to reflect the best professional ethics. They're comprehensible to anyone. And they're inexpensive and convenient to use. No commercial or other imprint appears on them except the copyright notice in small type. They measure 6" x 3 1/3" and have two folds. A sample is yours for a three-cent stamp.

Medical societies may obtain the pamphlets in large lots (without cartons) for distribution among service clubs, legislative bodies, and other opinion-molding groups. Address: MEDICAL ECONOMICS, INC., Rutherford, N. J.

MacGregor Instrument Co.	8, 114
Massillon Rubber Co.	74
Medicone Co.	13
Merrell Co., Wm. S.	66, 97, 118
Milburn Company	112

Norwich Pharmacal Co.	117
Numotizine, Inc.	11
Nutrition Research Laboratories	16, 17, 95

Ortho Products, Inc.	128
----------------------	-----

Parker-Herbert Corp.	90
Patch Co., E. L.	10, 106
Pelton & Crane Co.	120
Phillips Chemical Co., Chas. H.	71
Pineoleum Co.	78
Procter & Gamble Co.	Back cover
Professional Printing Co.	110

Reed & Carnrick	105
Reynolds Tobacco Co., R. J.	9
Ritter Co., Inc.	85

Sarnay Products, Inc.	83
Schering & Glatz, Inc.	119
Schiffelin & Co.	82, 102
Scholl Mfg. Co., Inc.	2
Searle & Co., G. D.	79
Sharp & Dohme, Inc.	123
S.M.A. Corporation	Inside front cover
Smith Co., Martin H.	89
Smith, Kline & French Laboratories	19
Stearns & Co., Frederick	93

Tailby-Nason Co.	4
Tampax Incorporated	100

United Drug Co.	64
-----------------	----

Van Patten Pharmaceutical Co.	96
-------------------------------	----

Walker Corp & Co., Inc.	102
Wander Co.	27
Warner & Co., Inc., Wm. R.	69
Whittaker Laboratories, Inc.	72
Wyeth & Brother, Inc., John	18, 108, Inside back cover

Young & Co., F. E.	122
--------------------	-----

## BURNHAM SOLUBLE IODINE

Offers a safe effective and economical iodine therapy for oral administration.

*Sample upon request.*

**Burnham Soluble Iodine Co.**  
Auburndale, Boston, Mass.



## *As Emotional Strain Increases*

Intensified mental and emotional activity are the concomitants of war among our civilian population. As day by day the tension mounts, distraught nerves prevent relaxation and normal sleep. In turn, the unresolved tension and lack of rest add their increment to the increasing stresses and strains of the daytime hours. This sequence of events may be prevented or broken, by Bromidia.

Bromidia offers unique advantages. It is a liquid preparation of chloral hydrate, potassium bromide and hyoscyamus. Its dosage can therefore be adjusted to the therapeutic aim: one dram gives sedation and relaxation without loss of mental acuity; two drams induce sleep for six to eight hours—sleep which closely resembles the normal. Bromidia is thus gently effective whenever anxiety, worry and emotional strain do not permit adequate relaxation and sleep.

BATTLE & COMPANY • ST. LOUIS, MO.

# **BROMIDIA [BATTLE]**



*Foam from a  
Camel's mouth*

Early North African tribes are said to have used foam from a camel's mouth to prevent pregnancy. Today, fortunately, the physician can prescribe scientific products, such as Ortho-Gynol and Ortho-Creme, which are the result of years of research. Both have been tested in laboratory and clinic and their efficacy has been proven. In use Ortho-Gynol and Ortho-Creme are agreeable, stable and acceptable to the patient.

COPYRIGHT 1942  
ORTHO PRODUCTS, INC., LINDEN, N. J.

**ortho-gynol**

**VAGINAL JELLY**  
**ORTHO-CREME • ORTHO DIAPHRAGMS**